

June 18, 2015 Daily Report

(Presenting June 17 Progress and Plans Forward)

Refugio Incident

T R Order for Removal, Mitigation or Prevention of a
Substantial Threat of Oil Discharge. T R

• Summary of Anticipated Problems and Resolutions J

○ A

• Executive Summary

○ S

D

○ W

P

○ D

I

• CTEH Summary of Environmental Sampling Efforts J

○ A

D

R

• Incident Action Plan

E

J

P

○ S

R

W

P

Summary of Anticipated Problems and Resolutions

Refugio Incident

J

Anticipated Problems	Planned Resolutions
• L	• R C R
• T J	• C R R E R
• C	• E R

R

C

R

R

Executive Summary

	Shoreline Oiling Categories (miles and %) - Refugio Incident											
Most Recent Survey Date	Heavy		Moderate	Light	Very Light		Tiny Drips (<1lb)			Total Oiled Shoreline	Total Surveyed Shoreline	
			A	A		A		A		A		

T R
 E C R B R L R
 A H T R

$$\begin{array}{ccccccc}
 & A & & & B & & R & B \\
 & & & R & & & R & R \\
 C & & O & P & & & & R \\
 & & & & & & & R
 \end{array}$$

O W P
T R
T R

T R E C B T R I

A C A F R W
R R R

A R R J R A R B R
C R O P

P R

Impact Measurements

Waste Management (as of 16 June 2015)		
Material	Estimated Daily Total Removed (cubic yards)	Estimated Cumulative Total Removed (cubic yards)
Oiled Sand		
Oiled Vegetation		
Oiled Debris/PPE		
Oiled Soil		
Culvert Soil		
Absorbent		

	TOTAL Birds			TOTAL Mammals		
Date	L	D	D T	L	D	D T
16 Jun 2015						
Cumulative Total						

External Affairs

I SC A T R

Tribal and Elected Officials

C R R T M R
D I R

Personnel Involved



Equipment Involved

V A D
V

Refugio Incident

Summary of CTEH Environmental Sampling Efforts

June 17, 2015

A

C TE

M

T R

T R

R Table 1

I

Table 2

M

R

Table 1: Environmental Preliminary Sample Summary

05/20/2015– 06/16/2015

Media	Matrix	Sample Count
W	S	W
	W C	
	C	F R W
S	B R S	
	O S	
S	P	B
	S F	S
	T R E	
	B	S
P	P T	B
	S R S	

S

S

S

B

R

O

R

R

Table 2: TPH¹ Preliminary Data Summary⁴
05/20/2015– 06/16/2015

	Location	Highest Detection		Most Recent TPH Result Received	
		Date	TPH (mg/L)	Date	TPH (mg/L)
W C	D	S			
	D	M			ND
	D	D			ND
	D	S			
	D	M	N		
	D	D	N		
S W	SW				
	SW				
	SW				ND
	SW				
	SW				
	SW				ND
	SW				
	SW				ND
	SW				ND
	SW				ND
	SW				ND
	SW		N		
	LA SW		N		
	VE SW		N		
T	R		R	R	R

N
N

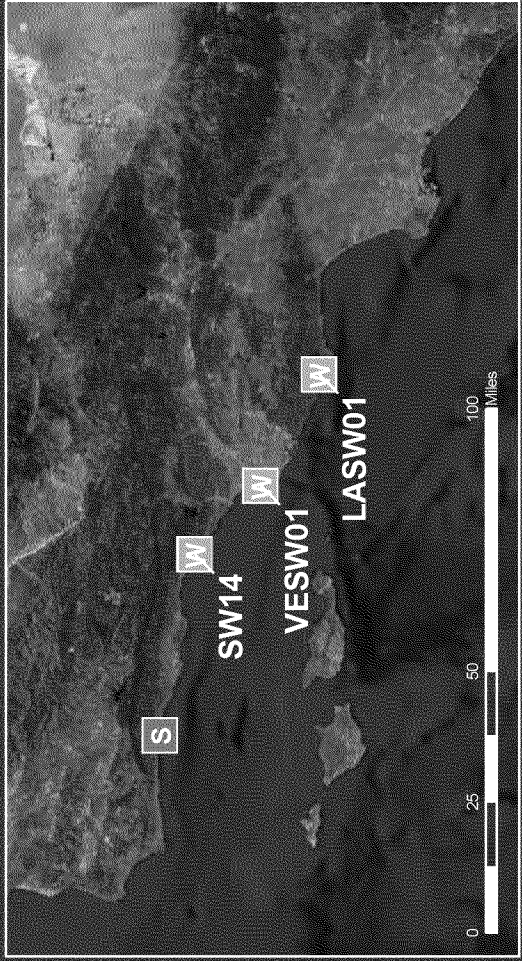
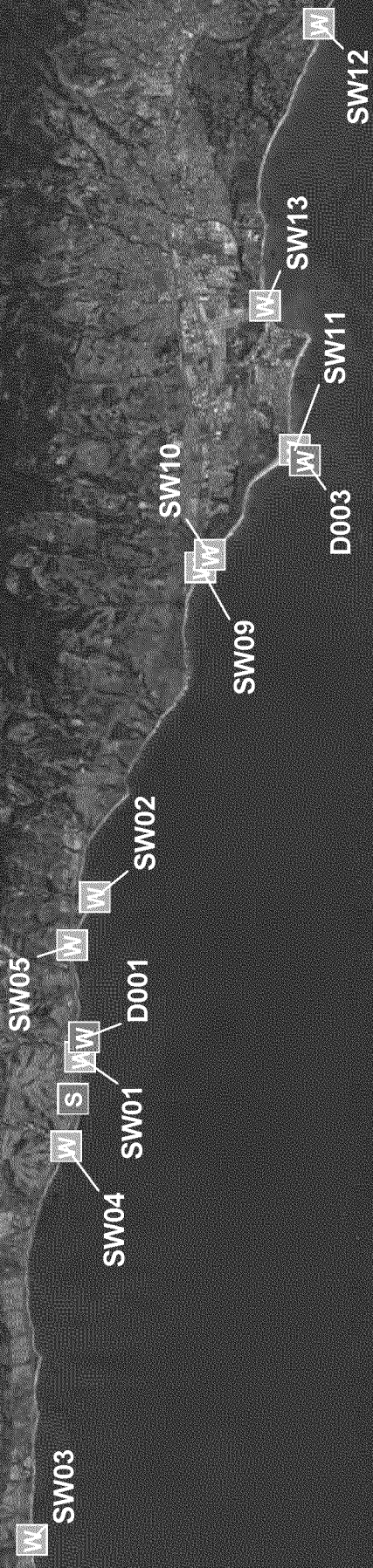
N
N
N



Water Sampling Locations

Refugio Incident | May 20, 2015 to June 16, 2015

Project: 107292
Client: Plains All American Pipeline
City: Gaviota, CA
County: Santa Barbara



Legend

S

 Incident Location

W

 Water Column Sampling Location

W

 Surface Water Sampling Location



Sediment/Sand Sampling Locations

Refugio Incident | May 23, 2015 to June 16, 2015

Project: 107292
Client: Plains All American Pipeline
City: Gaviota, CA
County: Santa Barbara



Legend

S

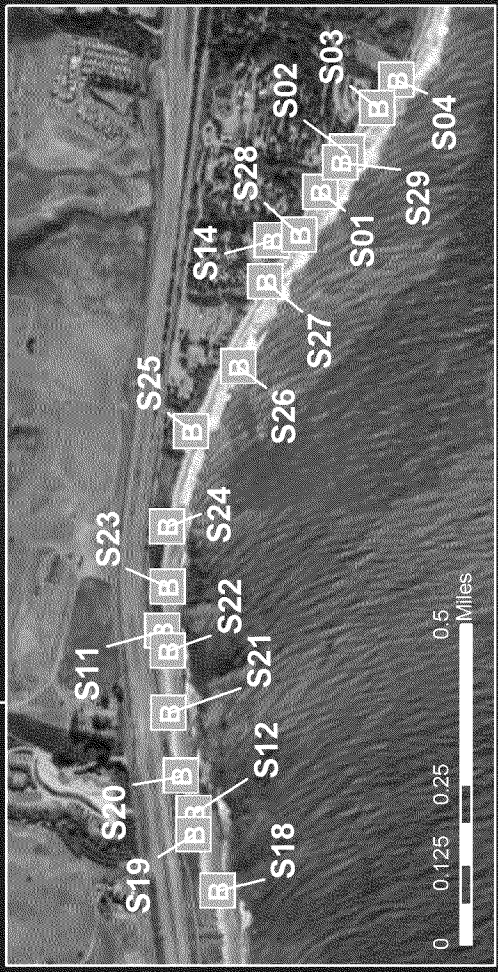
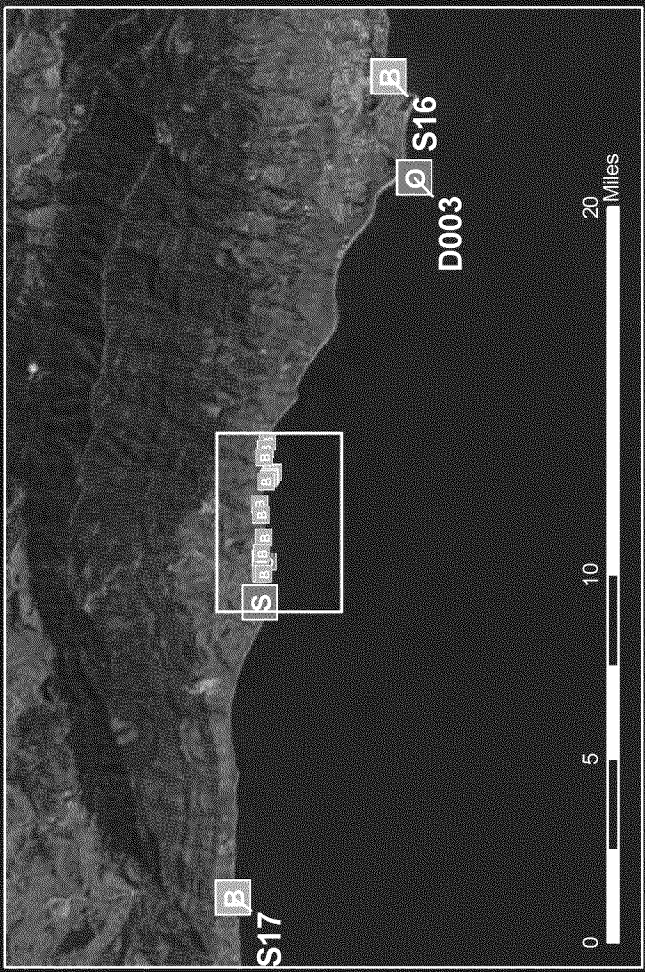
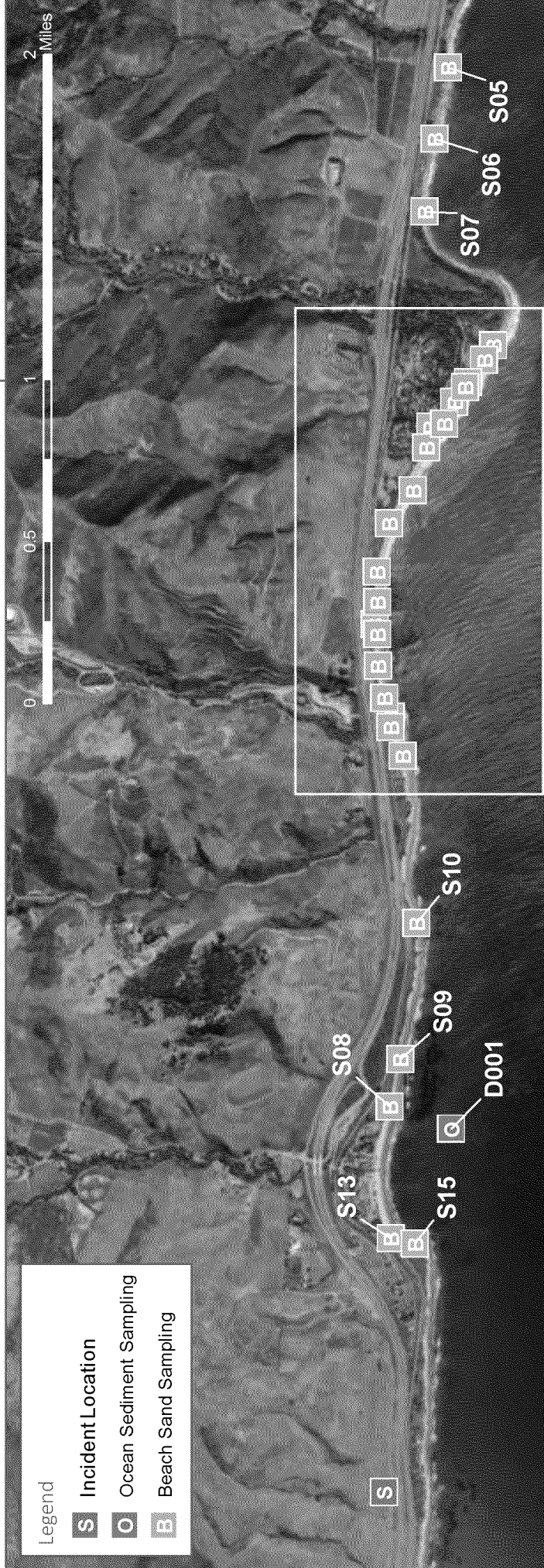
Incident Location

O

Ocean Sediment Sampling

B

Beach Sand Sampling



1. Incident Name Refugio Incident	2. Operational Period to be covered by IAP (Date/Time) From 06/17/2015 06:00 To 06/21/2015 05:59	Operational Period Ops Period 18	CG IAP COVER SHEET
3. Approved by			
ORG	Name		
USCG	Captain C. Downey <i>[Signature]</i> CAPT		
U.S. EPA	B. Moxley <i>[Signature]</i>		
CAL DFW	Captain M. Crossland <i>[Signature]</i> CAPT		
Plains	P. Hodgins <i>[Signature]</i> 6/16/15		
SBCOEM	R. Troy <i>[Signature]</i>		

ORIGINAL INCIDENT ACTION PLAN

The items checked below are included in this Incident Action Plan:

☒ ICS 202-OS (Response Objectives)

☒ ICS 203-OS (Organization List) - or - ICS 207-OS (Organization Chart)

☒ ICS 204-CGs (Assignment Lists) One Copy each of any ICS 204-CG attachments

☐ ICS 205-CG (Communications Plan)

☒ ICS 206-CG (Medical Plan)

☐ ICS 208-CG (Site Safety Plan) or Note SSP Location Located at CP and Staging Areas

☐ Map/Chart

☒ Weather forecast/Tides/Currents

Other Attachments

Incident Picture



ORIGINAL

4. Prepared by

Thomas Haug

Date / Time

06/16/2015 07:20

CG IAP COVER SHEET

06/16/2015 17:35

(Rev. 4/04)

1. Incident Name Refugio Incident	2. Operational Period (Date/Time) From 06/17/2015 06:00 To 06/21/2015 05:59	Operational Period Ops Period 18	INCIDENT BRIEFING ICS 202-CG
3. Objective(s)			
<p>Ensure the safety of response personnel and the public.</p> <p>Complete the excavation of visually contaminated soils in Section 4.</p> <p>Continue the cleanup of contaminated soils in Sections 1, 2, and 3, and initiate confirmation sampling in accordance with the "Removal Confirmation Sampling Plan".</p> <p>Continue the clean up of all open Divisions, maximizing clean up during optimal tidal periods, in accordance with the Shoreline Treatment Recommendations to meet Phase II endpoints.</p> <p>Develop, gain approval, and implement a clean-up plan for Section 5</p> <p>Continue to protect environmentally and culturally sensitive areas within the open Divisions.</p> <p>Recover and rehabilitate injured and oiled wildlife and return to the wild.</p> <p>Minimize environmentally sensitive and socioeconomic impacts.</p> <p>Keep public and stakeholders informed of positive progress and all response activities.</p> <p>Develop products to effectively communicate, with best available science and historical data, source transport and fate of released oil and naturally occurring seep oil throughout the area.</p> <p>Provide endpoint progress data daily.</p> <p>Effectively implement transition / demobilization plans.</p>			
4. Operational Period Command Emphasis (Safety Message, Priorities, Key Decisions/Directions)			
<p>Clean the Divisions to end points.</p> <p>Communicate positive message regarding cleanup progress.</p> <p>Explain source fate and transport.</p> <p>Implement Decon and Demob.</p> <p>Integrate local representation with SCAT to <u>assist with oversight</u> to concur with assessments.</p> <p>Continue to integrate local jurisdictional agencies with operations associated with Sections 1 thru 5.</p> <p>Transition on-water recovery operations to include the removal of snare.</p> <p>Continue to emphasize safety during critical lifts in Section 4.</p>			
Approved Site Safety Plan Located at the Goleta ICP Situation Status wall			
Prepared by (Operations Section Chief)		Date/Time	
mnosbaum		06/16/2015 07:26	
INCIDENT OBJECTIVES		06/16/2015 14:53	
		ICS 202-CG (Rev 4/04)	

INCIDENT COMMAND

FOSC: USCG, Capt. Williams 562-355-3672
 FOSC (D): Capt. Downey 310-707-7381
 FOSC (D): LCDR Shaun Edwards 609-351-7143
 FOSC: US EPA, Bret Moxley 775-721-4712

SOSC: CDFW, Mark Crossland 805-550-2729
 LOSC: SB OEM, R. Troy 805-681-5524
 R. Rockabrand 805-330-5080

RPIC: Patrick Hodgins 281-467-3658

SB OEM:

D. Patterson 805-696-1191
 E. Arndt 805-846-6376
M. Dyer 805-646-1191

PUBLIC INFORMATION OFFICER
 Kip Wadlow 907-209-9960

SAFETY OFFICER
 Todd Schulte 307-797-3379

LIAISON OFFICER
 LCDR Greg Riley 510-289-7775
 Chris Klumpp 916-591-0768
 Steve Shavely 916-327-2297

SECURITY OFFICER
 Ken Houston 405-250-1882

INVESTIGATORS

OSPR.
 J. Victoria
 310-413-6533

AGENCY REPS.
 Catherine Berg
 907-529-9157

PLANNING SECTION CHIEF
 Tom Haug 562-217-3511
 Mike Oubre (D) 757-567-7503

OPERATIONS SECTION CHIEF
 Drew Engstrom 307-251-6932
 Shaun Ross (D) 415-720-4166
 LCDR Powers 562-577-2087

Facility Manager
 Jon MacArthur 623-229-8875

IT Support
 Ajit Jain 281-382-8568
 Joe Corrao 281-224-6828
 Julio Rivera 713-449-7813
 Ryan Johnson 832-494-7813

LOGISTICS SECTION CHIEF
 Slade Strauch 281-217-2584
 Nate Jewell 206-375-8173

Supply Unit Leader
 Jeff Fridlund 818-746-6755
 Karen Marvin 562-756-2575

Supply Unit
 Ashley Saavedra Brent Smith
 Debbie Cardell Matt Greer
 Cassandra White (runner/purchaser)
 Heather Sironen

FINANCE SECTION CHIEF
 Ruben Rendon 562-843-3560
 Meghan Flicek 307-262-1122
 Michael Rihani 281-658-9704
 Lt. Michael Cavanagh 216-394-8400

Cost Unit / Time and Adm. Leader
 Allison Pope 785-766-1098
 Billy Selby 904-315-2109
 Ronda Eady 601-852-7408

NPFC Technical Specialist
 Bob Hildebrand

3 of 48

INCIDENT ORGANIZATION CHART

ICS-207-CG

2. Operational Period (Date/Time)

From: 6/17/2015 06:00 To: 6/21/2015 06:00

1. Incident Name

Refugio

OPERATIONS SECTION

Chief: Drew Engstrom 307-251-6932
Deputy: Shaun Ross 415-720-466
Deputy: LCDR Powers 562-577-087

Staging Area 5th
Mandalay Manager
D. Ramos
805-755-3300

Staging Area Refugio
Beach Manager
M. Rudley
562-244-2270

Wildlife Branch
Laird Henkel
916-747-0611
Mike Ziccardi
530-979-7561
Sarah Wilkin
240-429-9161

Recovery & Field Stabilization
Michelle Berman
805-896-0858
Justin Greenman
815-354-1864

Care & Processing
C. Florello
530-979-6099
Eric Olsen
619-954-8185

Reconnaissance
Holly Gellerman
916-747-0611

DECON Group
Eric Heap
307-799-8258
E. Boyes
562-760-6940

Ventura
Alex Lopez
562-244-2248

T&T Yard
Charlie Roth
562-244-4165

Waste Tracking
Will Canto
562-244-5108

On-Water Group
Eric Heap
307-799-8258

Santa Barbara Recovery Branch
Lanny Kippes
562-221-4510
Trent Sehlinger
505-382-3503

Protection Group
Eric Heap
307-799-8258

Division I
Scott Grotness
951-236-1437
Curt Johnson
774-238-2680

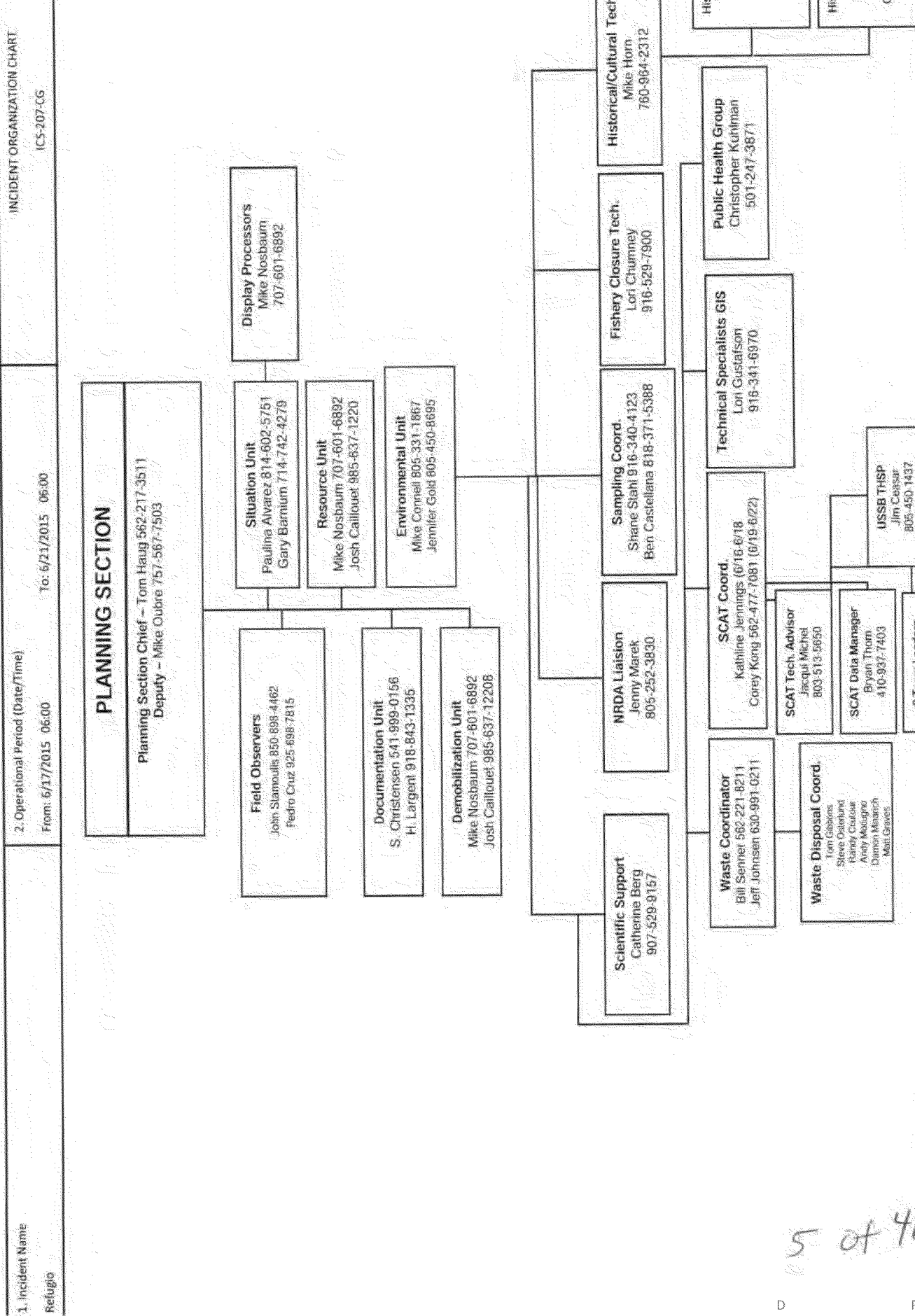
Division J
George Gooch
562-843-3551
Josh Veiters
979-665-6355

Division K
Steven Franks
713-417-8525
Jay Heaton
951-201-1492
Steve Cadenhead
850-605-6046

Pipeline Group
Mike Gudry
337-526-8539

Air Operations Branch
Drew Engstrom
307-251-6932

Law/Security Group
R. Plafino
805-268-4035



5 of 48

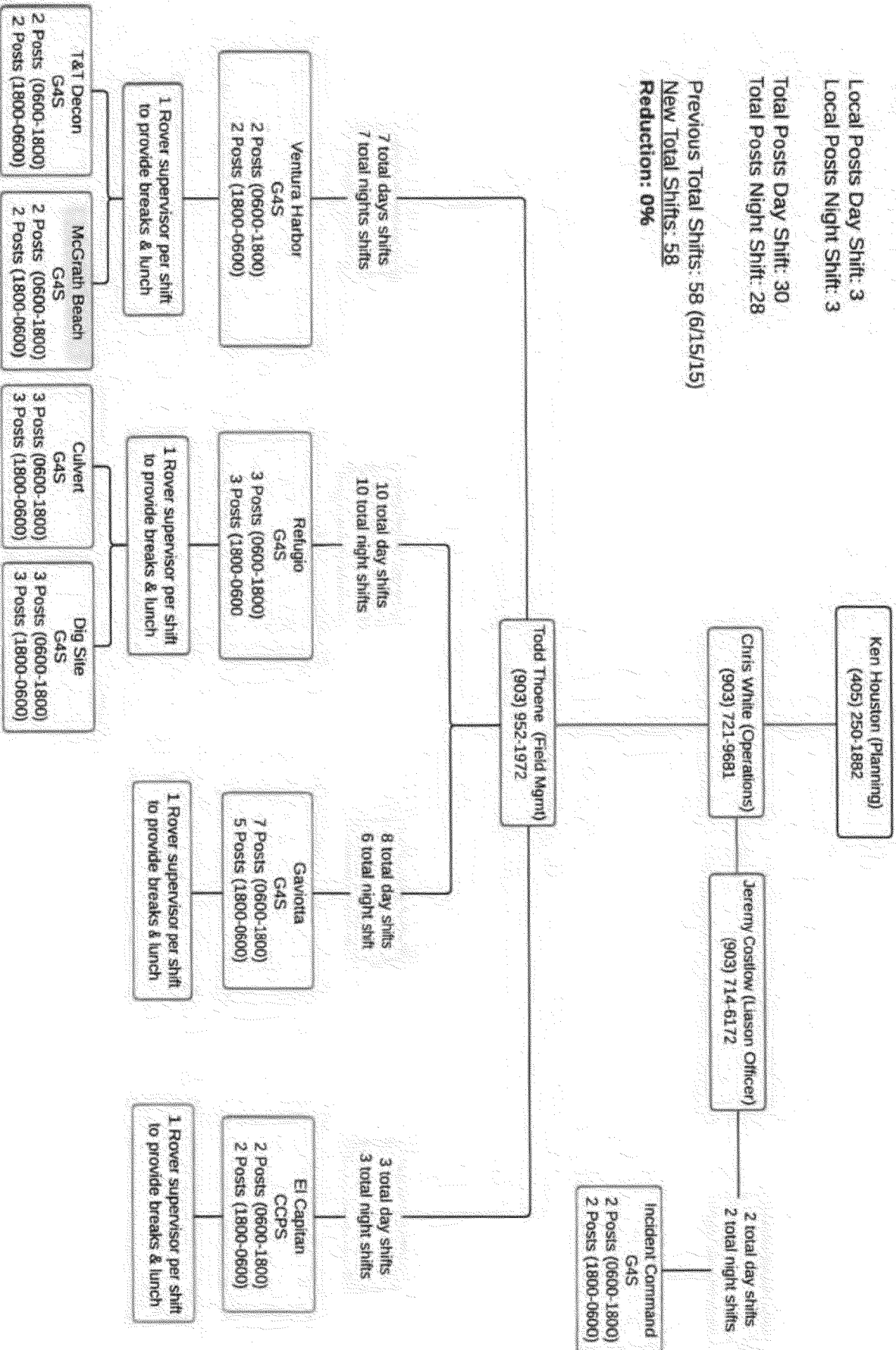
Security Org Chart - Refugio Incident 6/16/15

G4S Posts Day Shift: 27
G4S Posts Night Shift: 25

Local Posts Day Shift: 3
Local Posts Night Shift: 3

Total Posts Day Shift: 30
Total Posts Night Shift: 28

Previous Total Shifts: 58 (6/15/15)
New Total Shifts: 58
Reduction: 0%



1. Incident Name Refugio Incident		2. Operational Period (Date/Time) From 06/17/2015 06:00 To 06/21/2015 05:59		Operational Period Ops Period 18	Assignment List ICS 204-CG
3. Branch Wildlife Branch		4. Division/Group/Staging Wildlife Recovery Group			
Task Force/Strike Team		Team			
5. Operational Personnel		Name	Affiliation	Contact#(s)	
Operations Section Chief		Drew Engstrom	Plains All American Pipeline	307-251-6932	
Branch Director		Holly Gellerman/Laird Henkel	CA DFW OSPR	916-747-0611/831-212-7665	
Division/Group Supervisor/STAM		Mike Ziccardi/Sarah Wilkin	OWCN/NOAA	530-979-7561	
5. Resources Assigned 'X' indicates 204a attachment with additional instructions					
Qty x Size (Unit)	Strike Team/Task Force/Resource Identifier	Leader	Contact#	# Of Persons	Notes
1 (each)	Wildlife Recon Team 877-823-6926	H. Gellerman	916-747-0611	1	See work assignment and special instructions X
1 (each)	Care/Processing Team - Birds	N. Anderson	530-771-7028	4	See work assignment and special instructions
1 (each)	Care/Processing Team - Mammals	E. Otjen	619-954-8185	8	See work assignment and special instructions
1 (each)	Stabilization Facilities/Trailers			1	
1 (each)	Care Facility			2	
1 (each)	Wildlife Recovery/Stabilization	M. Berman	805-869-0858	14	See work assignment and special instructions
7. Work Assignments					
<p>Wildlife Recon. Team - Collect real time data on animals at risk and staff the Wildlife Hotline.</p> <p>Wildlife Recovery/Stabilization Teams - Coordinate and supervise recovery and stabilization of live and dead oiled wildlife in assigned divisions and in response to reports.</p> <p>Care/Processing - Document oiling status, conduct intake examinations, necropsy dead animals, provide pre-wash care, clean oil from affected animals, return animals to normal function, and release in clean environment.</p> <p>Should two consecutive days of no collected live oiled animals occur, a phased reduction in recovery and field stabilization operations, per approved plan, will occur.</p>					
8. Special Instructions					
<p>Attend morning safety and planning briefing. Immediately report any injury to supervisor and complete an injury report form. *Personnel must have completed 24-hour HAZWOPER training and OWCN Wildlife Recovery Levels 1 and 2, at minimum.</p> <p>Instructions for Dead Wildlife and Natural Resource Protection.</p> <p>Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in clean up operations should be immediately called in to the Wildlife Hotline at 877-823-6926.</p> <p>Any DEAD oiled birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can instruct the team in separating the oiled animal from the regular waste stream and (ideally) collecting it in a separate plastic bag, labeled with division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.</p> <p>For all other DEAD oiled wildlife (marine organisms) discontinue segregating these - they will not be picked up. Dispose with the rest of the oiled material being removed.</p> <p>Do not initiate any on-shore response or cleanup at Coal Oil Point without consulting the USFWS and California Dept of Fish and Wildlife.</p>					
SAFETY MESSAGE					
All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.					
HISTORICAL/CULTURAL GUIDELINES					
10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	06/13/2015 15:00	T. Haug	06/13/2015 15:00	Drew Engstrom	06/13/2015 15:00
ASSIGNMENT LIST		06/16/2015 12:00		ICS 204-CG (Rev.10/07)	

- Leave cultural materials in place at the site of discovery, and mark its location.
- Stop clean-up work in the vicinity surrounding the site, within a 6ft radius.
- Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.

Report All Injuries require a immediate notification to Direct Supervisor.

Animal carcasses that have orange flagging indicates that no further action is needed. These flagged animals hae already been assessed and reported

9. Communications (radio and/or phone contact numbers needed for this assignment)

Name/Function	Radio Freq./System/Channel	Phone	Cell/Pager
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Emergency Communications

Medical:	Evacuation:	Other:
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10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	06/13/2015 15:00	T. Haug	06/13/2015 15:00	Drew Engstrom	06/13/2015 15:00

ASSIGNMENT LIST 06/16/2015 12:00 ICS 204-CG (Rev.10/07)

1. Incident Name Refugio Incident		2. Operational Period (Date/Time) From 06/17/2015 06:00 To 06/21/2015 05:59		Operational Period Ops Period 18	Assignment List ATTACHMENT ICS 204a
3. Branch Wildlife Branch		4. Division/Group/Staging Wildlife Recovery Group			
5. Strike Team/Task Force/Resource(Identifier)		6. Leader		7. Assignment Location	
Team		Team Leader			
8. Work Assignment Special Instructions, Special Equipment/Supplies Needed for Assignment WILDLIFE RECOVERY GROUP MINIMIZATION MEASURES Habitat-specific Measures These measures are intended to minimize impacts to all biological resources within the habitat and should be implemented to the extent possible regardless of whether listed species are present. Marine <ul style="list-style-type: none"> • Avoid entering kelp beds as much as possible. • Avoid boat traffic traveling near or through flocks of seabirds resting in the water. • Have a wildlife monitor present on all boats. • No spill response activities should take place within 1,000 feet of nesting seabirds. • If a sea otter is observed, keep all response activities as far away from the animal(s) as possible until an expert can be consulted. Riparian <ul style="list-style-type: none"> • Avoid entering wetted areas as much as possible. • Avoid disturbing vegetation as much as possible. • The number of access routes, size of staging areas, and the total area of the response should be limited to the minimum necessary to achieve the mission. Sandy Beach/Dune <ul style="list-style-type: none"> • Avoid entering vegetated dune habitat as much as possible. • If vehicle traffic is required in the beach, travel should be restricted to the wet sand as much as possible and should avoid driving over wrack. • Vehicle traffic should be operated at slow enough speeds to avoid/minimize impacts to wildlife (approximately 5 to 10 miles per hour). • Use pre-existing access routes through dune habitat; if new access routes are necessary a biologist should be consulted on their location. Estuarine <ul style="list-style-type: none"> • Avoid entering wetted habitat as much as possible. • Avoid disturbing vegetation as much as possible. • Utilize existing access routes; if new access routes are necessary a biologist should be consulted on their location. • Any listed plant species should be flagged and avoided. Species-specific Measures These measures are specifically targeted to minimize impacts to listed species during initial response; USFWS should be contacted immediately to provide incident-specific measures to best protect these species. Tidewater goby <ul style="list-style-type: none"> • Equipment and foot traffic entering wetted areas should be avoided to the maximum extent practical to prevent crushing tidewater gobies, their burrows, and eggs. Least Bell's vireos and/or southwestern willow flycatchers <ul style="list-style-type: none"> • Disturbance of riparian vegetation should be avoided as much as possible. California least tern and/or Western snowy plover <ul style="list-style-type: none"> • A qualified biologist should identify areas that may contain nests or chicks, and any entry into these areas should be avoided. • Any work required within nesting areas should be accompanied by a qualified biologist. • A qualified biologist should identify and demarcate access and egress routes. • The number of vehicles and number of vehicle trips should be reduced to the minimum needed to achieve the mission. • All activities near nests or chicks should occur on the lower beach (wet sand), if possible. • Watch for and avoid western snowy plovers sheltering in tire tracks and sandy depressions. • If vehicles are used, speed should be kept to less than 10 mph, and vehicles should remain on the lower beach (wet sand), if possible. If it is not possible to remain on the lower beach (e.g., it is high tide), responders should stop every 100 m and scan ahead with binoculars to look for western snowy plovers and California least terns on the beach. California red-legged frog <ul style="list-style-type: none"> • All egg masses should be avoided as much as possible and should only be relocated by a qualified biologist if oiling is imminent or response activities are sure to injure or kill the eggs. • Open excavations and trenches should be covered each night to prevent entrapment of frogs. 					
9. Communications (radio and/or phone contact numbers needed for this assignment)					
10. Prepared By Mike Nosbaum	Date/Time 06/13/2015 15:00	11. Reviewed By (PSC) T. Haug	Date / Time 06/13/2015 15:00	12. Reviewed By (OSC) Drew Engstrom	Date / Time 06/13/2015 15:00
ASSIGNMENT LIST		06/16/2015 12:00		ICS 204-CG (Rev.10/07)	

<input type="checkbox"/> Map/ Chart	<input type="checkbox"/> Weather Forecast/Tides/Currents	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	06/13/2015 15:00	T. Haug	06/13/2015 15:00	Drew Engstrom	06/13/2015 15:00
ASSIGNMENT LIST		06/16/2015 12:00		ICS 204-CG (Rev.10/07)	

1. Incident Name Refugio Incident		2. Operational Period (Date/Time) From 06/17/2015 06:00 To 06/21/2015 05:59		Operational Period Ops Period 18	Assignment List ICS 204-CG
3. Branch		4. Division/Group/Staging Decon Group			
Task Force/Strike Team		Team			
5. Operational Personnel		Name	Affiliation	Contact#(s)	
Operations Section Chief		Drew Engstrom	Plains All American Pipeline	307-251-6932	
Branch Director					
Division/Group Supervisor/STAM		Eric Heap	Plains All American Pipeline	307-799-8258	
6. Resources Assigned		'X' indicates 204a attachment with additional instructions			
Qty x Size (Unit)	Strike Team/Task Force/Resource Identifier	Leader	Contact#	# Of Persons	Notes
40	Decon Personnel	Alex Lopez	562-244-2248	0	
45 (each)	Decon Personnel	Charlie Roth	562-244-4165	0	
2 (each)	Portable Generators - 85kw generators - T&T Yard			0	
1 (each)	Office Trailer - 12' x 38' mobil office trailer - T&T Yard			0	
1 (each)	Decon Pool			0	
5 (each)	Vac Truck			0	
1 (each)	Roll Off Truck			0	
6	Gear Trucks			0	
6	Pick-up Trucks			0	
1 (each)	Wench Truck			0	
5 (each)	Vans			0	Includes box vans
1	Water Truck			0	
2 (each)	Response Personnel - Staff members to support decon @ Ventura & T&T			0	
6 (each)	Frac Tanks			0	
1 (each)	Equipment Trailer - 53' Box Van Trailer - T&T Yard			0	
20 (each)	Decon Personnel	Walt Dorn	562-244-2205	0	
1 (each)	Hot Oil Truck			1	
7. Work Assignments					
Ventura Harbor - Haul out and final decon of vessels.					
T & T Yard Ventura- Final cleaning of gear and ancillary equipment. Provided necessary personnel equipment and materials to complete decon in accordance with the decon plan approved by the Unified Command.					
8. Special Instructions					
Volunteers: 1-800-228-4544 Claims: 866-753-3619 Public Affairs/JIC: 805-696-1188 State Park Law Enforcement: 951-443-2969 Sherriff's Dispatch: 805-692-5743					
Instructions for Dead Wildlife and Natural Resource Protection.					
Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in clean up operations should be immediately called in to the Wildlife Hotline at 877-823-6926.					
Any DEAD oiled birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can					
10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	06/13/2015 15:00	T. Haug	06/13/2015 15:00	Drew Engstrom	06/13/2015 15:00
ASSIGNMENT LIST		06/16/2015 11:27		ICS 204-CG (Rev.10/07)	

instruct the team in separating the oiled animal from the regular waste stream and (ideally) collecting it in a separate plastic bag, labeled with division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.

For all other DEAD oiled wildlife (marine organisms) discontinue segregating these - they will not be picked up. Dispose with the rest of the oiled material being removed.

SAFETY MESSAGE

All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.

All PPE shall be worn in accordance with the Site Specific JHA and Site Safety Plan.

HISTORICAL/CULTURAL GUIDELINES

Leave cultural materials in place at the site of discovery, and mark its location.

- Stop clean-up work in the vicinity surrounding the site, within a 6ft radius.
- Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.

Report All Injuries require a immediate notification to Direct Supervisor.

HAZARD MITIGATION

All personnel operating in a restricted area shall wear appropriate PPE (Minimum of Tychem, face shield, neoprene gloves and rubber boots are required for workers performing pressure wash ops).

Respiratory protection may be required to be used by all personnel base on continuous air monitoring readings

All personnel are reminded to stay hydrated and to take breaks as needed.

Notify Assistant Safety Officer if safety issues arise.

Workers should be cautious of slick surfaces and pressurized lines that may be present during decon ops.

9. Communications (radio and/or phone contact numbers needed for this assignment)

Name/Function	Radio Freq./System/Channel	Phone	Cell/Pager
Alex Lopez - Ventura Harbor		562-244-2248	
Walt Dome - T&T Yard/Ventura		562-244-2205	
Charlie Roth - T&T Yard Ventura		562-244-4165	
Emergency Communications			

Medical:	Evacuation:	Other:
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10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	06/13/2015 15:00	T. Haug	06/13/2015 15:00	Drew Engstrom	06/13/2015 15:00

ASSIGNMENT LIST	06/16/2015 11:27	ICS 204-CG (Rev.10/07)
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1. Incident Name Refugio Incident		2. Operational Period (Date/Time) From 06/17/2015 06:00 To 06/21/2015 05:59		Operational Period Ops Period 18	Assignment List ICS 204-CG
3. Branch		4. Division/Group/Staging On-Water Group			
Task Force/Strike Team		Team			
5. Operational Personnel		Name	Affiliation	Contact#(s)	
Operations Section Chief		Drew Engstrom	Plains All American Pipeline	307-251-6932	
Branch Director					
Division/Group Supervisor/STAM		Eric Heap	Plains All American Pipeline	307-799-8258	
6. Resources Assigned		X Indicates 204a attachment with additional instructions			
Qty x Size (Unit)	Strike Team/Task Force/Resource Identifier	Leader	Contact#	# Of Persons	Notes
1 (each)	Strike Team #3 Snares (LCM)	Larry Smith	805-233-0875	0	FV MAKO, FV SCULPIN Patrolling and towing inline absorbent boom between DIV I and L
1 (each)	LCM CHRISTOPHER G			0	On standby to remove previously deployed snare.
7. Work Assignments					
<p>Strike Team #3</p> <ul style="list-style-type: none"> -Continue to remove snare -Upon removal of all snare, transit to appropriate decon area <p>-LCM CHRISTOPHER G</p> <ul style="list-style-type: none"> -Continue to remove snare -Upon removal of all snare, transit to appropriate decon area 					
8. Special Instructions					
<p>SAFETY MESSAGE</p> <p>All personnel operating on the beach and vessels shall wear appropriate PFD.</p> <p>PPE: Tyvek, Hard hats, Nitrile gloves, Booties, Safety glasses.</p> <p>All personnel are reminded to stay hydrated and take breaks as necessary.</p> <p>-Response Team Members Report any distressed Wildlife to On-Water Group Leader Kyle Hanson @ 805-455-5502.</p> <p>-Direct all media inquiries to the PIO.</p> <p>-Use of unauthorized Social Media is strictly prohibited.</p> <p>-During this operational period the Operational Section Chief may direct certain Vessels be removed from deployment for the purpose of decontamination and eventual demob.</p> <p>Instructions for Dead Wildlife and Natural Resource Protection.</p> <p>Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in clean up operations should be immediately called in to the Wildlife Hot Line at 877-823-6726</p> <p>Any DEAD oiled birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can instruct the team in separating the oiled animal from the regular waste stream and (ideally) collecting it in a separate plastic bag, labeled with division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.</p> <p>For all other DEAD oiled wildlife (marine organisms) discontinue segregating these - they will not be picked up. Dispose with the rest of the oiled material being removed.</p> <p>Unknown source oil impacts should be reported to Lourdes Mahoney at 813-391-4657 (lmahony@cteh.com)</p>					
10. Prepared By		Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)
Mike Nosbaum		06/16/2015 15:00	T. Haug	06/16/2015 15:00	Drew Engstrom
ASSIGNMENT LIST		06/16/2015 13:44			ICS 204-CG (Rev.10/07)

Do not initiate any on-shore response or cleanup at Coal Oil Point without consulting the USFWS and California Dept of Fish and Wildlife.

On Water: Avoid entering kelp beds as much as possible. Avoid boat traffic traveling near or through flocks of seabirds resting on water, stay 1000 ft away from nesting seabirds. If sea otter is observed keep clear and call Mike Harris immediately. 831-212-7090

Leave cultural materials in place at the site of discovery, and mark its location.

- Stop clean-up work in the vicinity surrounding the site, within a 6ft radius.
- Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.

9. Communications (radio and/or phone contact numbers needed for this assignment)

Name/Function	Radio Freq./System/Channel	Phone	Cell/Pager
All TFs	Marine VHF Channel 10 and 16		

Emergency Communications

Medical: **Evacuation:** **Other:**

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	06/16/2015 15:00	T. Haug	06/16/2015 15:00	Drew Engstrom	06/16/2015 15:00

ASSIGNMENT LIST 06/16/2015 13:44 ICS 204-CG (Rev.10/07)

1. Incident Name Refugio Incident		2. Operational Period (Date/Time) From 06/17/2015 06:00 To 06/21/2015 05:59		Operational Period Ops Period 18	Assignment List ICS 204-CG
3. Branch Santa Barbara Recovery Branch		4. Division/Group/Staging Protection Group			
Task Force/Strike Team		Team			
5. Operational Personnel		Name	Affiliation	Contact#(s)	
Operations Section Chief		Drew Engstrom	Plains All American Pipeline	307-251-6932	
Branch Director		Lanny Kippes	Plains All American Pipeline	562-221-4510	
Division/Group Supervisor/STAM		R. Delgado	Patriot	562-244-4408	
6. Resources Assigned				'X' indicates 204a attachment with additional instructions	
Qty x Size (Unit)	Strike Team/Task Force/Resource Identifier	Contact#	# Of Persons	Notes	
1 (each)	Task Force 1	Ruben D	CH 10	4	Deploy as directed X
7. Work Assignments					
As directed, deploy and maintain strategies per the Area Contingency Plan.					
8. Special Instructions					
Follow site strategies as per ACP, deploying boom, sorbents and fence stakes. PPE: Tyvek suits, gloves, safety glasses, neoprene boots. PFDs are required within 10' of water or presents a risk of drownig. Offshore work on vessels are required a PFD					
Instructions for Dead Wildlife and Natural Resource Protection.					
Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in clean up operations should be immediately called in to the Wildlife Hotline at 877-823-6926.					
Any DEAD oiled birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can instruct the team in separating the oiled animal from the regular waste stream and (ideally) collecting it in a separate plastic bag, labeled with division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.					
For all other DEAD oiled wildlife (marine organisms) discontinue segregating these - they will not be picked up. Dispose with the rest of the oiled material being removed					
Do not initiate any on-shore response or cleanup at Coal Oil Point without consulting the USFWS and California Dept of Fish and Wildlife. On Water: Avoid entering kelp beds as much as possible. Avoid boat traffic traveling near or through flocks of seabirds resting on water, stay 1000 ft away from nesting seabirds. If sea otter is observed keep clear and call Mike Harris immediatly. 831-212-7090					
Unknown source oil impacts should be reported to Lourdes Mahoney at 813-391-4657 (lmahony@cteh.com)					
SAFETY MESSAGE					
All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.					
HISTORICAL/CULTURAL GUIDELINES					
<ul style="list-style-type: none"> • Leave cultural materials in place at the site of discovery, and mark its location. • Stop clean-up work in the vicinity surrounding the site, within a 6ft radius. • Immediately inform the field supervisor, who in turn, should immediately inform the FOOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude. 					
Report All injuries require a immediate notification to Direct Supervisor.					
In the event a scheduled meal is not made available to your crew, report this immediately to your Branch Director and Logistics Chief Brian Shive 832-341-4719					
No work in estuary or creek habitats without biological monitor and approval from EUL.					
10. Prepared By Mike Nosbaum		Date/Time 06/16/2015 15:00	11. Reviewed By (PSC) T. Haug	Date / Time 06/16/2015 15:00	12. Reviewed By (OSC) Drew Engstrom
					Date / Time 06/16/2015 15:00
ASSIGNMENT LIST		06/16/2015 13:08		ICS 204-CG (Rev.10/07)	

9. Communications (radio and/or phone contact numbers needed for this assignment)

Name/Function	Radio Freq./System/Channel	Phone	Cell/Pager
Marine VHF	CH 10	562-244-4408	
Emergency Communications			
Medical: 911	Evacuation: 911	Other: 911	

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	06/16/2015 15:00	T. Haug	06/16/2015 15:00	Drew Engstrom	06/16/2015 15:00
ASSIGNMENT LIST		06/16/2015 13:08		ICS 204-CG (Rev.10/07)	

1. Incident Name Refugio Incident		2. Operational Period (Date/Time) From 06/17/2015 06:00 To 06/21/2015 05:59		Operational Period Ops Period 18	Assignment List ATTACHMENT ICS 204a
3. Branch Santa Barbara Recovery Branch		4. Division/Group/Staging Protection Group			
5. Strike Team/Task Force/Resource(Identifier)		6. Leader		7. Assignment Location	
Team		Team Leader			
8. Work Assignment Special Instructions, Special Equipment/Supplies Needed for Assignment					
PROTECTION GROUP MINIMIZATION MEASURES Habitat-specific Measures These measures are intended to minimize impacts to all biological resources within the habitat and should be implemented to the extent possible regardless of whether listed species are present. Marine <ul style="list-style-type: none"> • Avoid entering kelp beds as much as possible. • Avoid boat traffic traveling near or through flocks of seabirds resting in the water. • Have a wildlife monitor present on all boats. • No spill response activities should take place within 1,000 feet of nesting seabirds. • If a sea otter is observed, keep all response activities as far away from the animal(s) as possible until an expert can be consulted. Riparian <ul style="list-style-type: none"> • Avoid entering wetted areas as much as possible. • Avoid disturbing vegetation as much as possible. • The number of access routes, size of staging areas, and the total area of the response should be limited to the minimum necessary to achieve the mission. • During the typical breeding season for riparian birds (March 1 – September 15), a biologist should survey riparian vegetation to identify, flag and avoid nests as much as possible. • Vegetation should be hand trimmed to remove affected portions as necessary; roots should be left in place. • Response activities should avoid or minimize changes in channel morphology. • No heavy equipment (bobcats, back hoes, etc.) or earth moving in, or next to the creek shall be used without prior DFW approval. • Any listed plant species should be flagged and avoided. • For areas potentially occupied by California red-legged frogs, least Bell's vireos, southwestern willow flycatchers, see species-specific minimization measures. Sandy Beach/Dune <ul style="list-style-type: none"> • Avoid entering vegetated dune habitat as much as possible. • If vehicle traffic is required in the beach, travel should be restricted to the wet sand as much as possible and should avoid driving over wrack. • Vehicle traffic should be operated at slow enough speeds to avoid/minimize impacts to wildlife (approximately 5 to 10 miles per hour). • Use pre-existing access routes through dune habitat; if new access routes are necessary a biologist should be consulted on their location. • Manual oil removal techniques should be used as much as possible. • All trash or anything that would attract wildlife to the work area should be removed on a daily basis. • Dead oiled wildlife should be removed or buried to minimize the secondary oiling of scavenging species. • For areas potentially occupied by western snowy plovers and/or California least terns, see species-specific minimization measures. Estuarine <ul style="list-style-type: none"> • Avoid entering wetted habitat as much as possible. • Avoid disturbing vegetation as much as possible. • Utilize existing access routes; if new access routes are necessary a biologist should be consulted on their location. • A biologist should be present throughout the duration of the cleanup activities. • Any listed plant species should be flagged and avoided. • A biologist should look for nests and establish suitable buffer areas to prevent impacts. • For areas potentially occupied by tidewater gobies or light-footed clapper rails, see species-specific minimization measures. Coastal Bluff <ul style="list-style-type: none"> • Utilize existing access routes; if new access routes are necessary a biologist should be consulted on their location. • Previously-disturbed areas should be used for equipment staging and vehicle parking to the maximum extent practical. • Any listed plant species should be flagged and avoided. Species-specific Measures These measures are specifically targeted to minimize impacts to listed species during initial response, USFWS should be contacted immediately to provide incident-specific measures to best protect these species. Tidewater goby <ul style="list-style-type: none"> • Equipment and foot traffic entering wetted areas should be avoided to the maximum extent practical to prevent crushing tidewater gobies, their burrows, and eggs. • If supplemental water is used to flush culverts recommend gradually increasing the intensity/volume during the flush, as tidewater gobies aren't strong swimmers and could be injured or killed if there were sudden high currents. As the flow is being gradually increased, a biologist should be monitoring the culvert exit for tidewater gobies. 					
10. Prepared By Mike Nosbaum	Date/Time 06/16/2015 15:00	11. Reviewed By (PSC) T. Haug	Date / Time 06/16/2015 15:00	12. Reviewed By (OSC) Drew Engstrom	Date / Time 06/16/2015 15:00
ASSIGNMENT LIST		06/16/2015 13:08		ICS 204-CG (Rev.10/07)	

- Prior to initiation of any dewatering or diversions, a qualified biologist should install 1/8 inch block nets outside the impact areas to exclude tidewater gobies. If widely separated sites are involved, more than one set of block nets should be placed to protect the work area. The nets should be installed on the first day of work and monitored thereafter for the duration of the work.
- Once the block nets are secured, qualified biologist(s) should remove all tidewater gobies found between the block nets using a 1/8 inch seine and dip nets, and relocate tidewater gobies to suitable habitat downstream of the proposed project site.
- If activities requiring block nets cannot be completed in one day, a new set or successive sets of block nets should be deployed each day, and subsequent surveys and capture/relocation performed accordingly. Fish released from one day's work should not be released into areas projected to be excavated on successive days.
- Should dewatering occur, any pumps used should be fitted with an anti-entrapment device(s) to prevent tidewater gobies from being drawn into the pump or impinged on intake screening.
- Prior to initiation of activities within occupied habitat, an informal tailgate session should be performed in order to inform response personnel about the tidewater goby avoidance/ minimization measures to be implemented during the response.

Least Bell's vireos and/or southwestern willow flycatchers

- Disturbance of riparian vegetation should be avoided as much as possible.
- A qualified biologist should conduct surveys within suitable habitat for least Bell's vireos and southwestern willow flycatchers during the nesting season (March 1 – September 15) prior to disturbance of riparian vegetation to identify and establish exclusion buffers around any nests (generally at least 500 feet).
- Manual equipment should be used in occupied habitat as much as possible to minimize disturbance from noise.
- If vegetation removal is required, roots should be left in place as much as possible.
- A qualified biologist should be present as much as possible during activities that impact suitable habitat.

California least tern and/or Western snowy plover

- All responders should be informed of the potential for western snowy plovers and/or California least terns to be impacted and of the avoidance/minimization measures being implemented.
- A qualified biologist should identify areas that may contain nests or chicks, and any entry into these areas should be avoided.
- Any work required within nesting areas should be accompanied by a qualified biologist.
- A qualified biologist should identify and demarcate access and egress routes.
- The number of vehicles and number of vehicle trips should be reduced to the minimum needed to achieve the mission.
- All activities near nests or chicks should occur on the lower beach (wet sand), if possible.
- Watch for and avoid western snowy plovers sheltering in tire tracks and sandy depressions.
- If vehicles are used, speed should be kept to less than 10 mph, and vehicles should remain on the lower beach (wet sand), if possible. If it is not possible to remain on the lower beach (e.g., it is high tide), responders should stop every 100 m and scan ahead with binoculars to look for western snowy plovers and California least terns on the beach.
- The amount of wrack, shells, and natural debris removed from the beach should be minimized. If shoreline pre-cleaning is necessary, debris should be stockpiled in an appropriate location (avoiding nesting locations) and returned to the beach after the threat of oil is gone, to the extent practical.

California red-legged frog

- All egg masses should be avoided as much as possible and should only be relocated by a qualified biologist if oiling is imminent or response activities are sure to injure or kill the eggs.
- Open excavations and trenches should be covered each night to prevent entrapment of frogs.

9. Communications (radio and/or phone contact numbers needed for this assignment)

<input type="checkbox"/> Map/ Chart	<input type="checkbox"/> Weather Forecast/Tides/Currents	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	06/16/2015 15:00	T. Haug	06/16/2015 15:00	Drew Engstrom	06/16/2015 15:00
ASSIGNMENT LIST			06/16/2015 13:08	ICS 204-CG (Rev.10/07)	

1. Incident Name Refugio Incident		2. Operational Period (Date/Time) From 06/17/2015 06:00 To 06/21/2015 05:59		Operational Period Ops Period 18	Assignment List ICS 204-CG
3. Branch Santa Barbara Recovery Branch		4. Division/Group/Staging Division I			
Task Force/Strike Team		Team			
5. Operational Personnel		Name	Affiliation	Contact#(s)	
Operations Section Chief		Drew Engstrom	Plains All American Pipeline	307-251-6932	
Branch Director		Lanny Kippes	Plains All American Pipeline	562-221-4510	
Division/Group Supervisor/STAM		Scott Grotness	Plains All American Pipeline	951-236-1437	
6. Resources Assigned 'X' indicates 204a attachment with additional instructions					
Qty x Size (Unit)	Strike Team/Task Force/Resource Identifier	Leader	Contact#	# Of Persons	Notes
1 (each)	OMI 6	Keith Long	985-637-6066	10	SB-I-S004, 14100 Arroyo Quemado
1 (each)	WCC 2	Steve Florez	310-904-2181	5	VN-F-S001, VN-F-S002, VN-F-S003, VN-F-S004, VN-F-S005
1 (each)	NRC 8	Kyle Sparrow	425-387-4979	20	SB-K-S001, Las Flores
7. Work Assignments					
<p>Conduct shoreline cleanup in segments per the respective Shoreline Treatment Recommendation (STR) unless otherwise directed by the Division Supervisor due to operational need.</p> <p>Conduct shoreline clean-up as directed as per SCAT Methodology.</p> <p>Supervisors should evaluate their entire area of responsibility and report status changes to their Branch Director on a daily basis.</p> <p>Crews may be deployed to other areas as conditions dictate.</p> <p>Your entire area of responsibility has been surveyed by SCAT.</p> <p>STR's have been established throughout your area of responsibility.</p> <p>SCAT is not required to confirm achievement of Phase 1 endpoints.</p> <p>Add 1 Biological Monitor when any cleanup operations occur in Division I, Sections SB-I-S004 or SB-I-S005.</p>					
8. Special Instructions					
<p>Operations will work up to the cliff edges as long as there are no direct overhead hazards to harm workers. Safety will use an audible alarm to notify workers of any rock or dirt movement. At the sound of the audible alarm all workers will move to a safe area and the site will be reassessed. (See 204a for further clarification from UC -dated 16 June 2015).</p> <p>ATV's not allowed in exclusion zones at El Capitan and Refugio.</p> <p>Instructions for Dead Wildlife and Natural Resource Protection.</p> <p>Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in cleanup operations should be immediately called in to the Wildlife Hotline at 877-823-6926.</p> <p>Any DEAD oiled birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can instruct the team in separating the oiled animal from the regular waste stream and (ideally) collecting it in a separate plastic bag, labeled with division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.</p> <p>For all other DEAD oiled wildlife (marine organisms) discontinue segregating these - they will not be picked up. Dispose with the rest of the oiled material being removed.</p> <p>Do not initiate any on-shore response or cleanup at Coal Oil Point without consulting the USFWS and California Dept of Fish and Wildlife.</p> <p>Unknown source oil impacts should be reported to Lourdes Mahoney at 813-391-4657 (lmahony@cteh.com)</p>					
SAFETY MESSAGE					
10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	06/16/2015 15:00	T. Haug	06/16/2015 15:00	Drew Engstrom	06/16/2015 15:00
ASSIGNMENT LIST		06/16/2015 18:33		ICS 204-CG (Rev.10/07)	

All personnel are reminded to keep hydrated and take rest breaks at a 50/10 work/rest ratio.

PPE: Tyvek suits, gloves, safety glass, neoprene boots. Avoid walking near waterways.

PFD's must be worn if the potential for drowning exists.

All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.

Report All Injuries require a immediate notification to Direct Supervisor.

HISTORICAL/CULTURAL GUIDELINES

Leave cultural materials in place at the site of discovery, and mark its location.

Stop clean-up work in the vicinity surrounding the site, within a 6ft radius.

Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.

In the event a scheduled meal is not made available to your crew, report this immediately to your Branch Director and Logistics Chief Brian Shive 832-341-4719

No work in estuary or creek habitats without biological monitor and approval from EUL.

9. Communications (radio and/or phone contact numbers needed for this assignment)

Name/Function	Radio Freq./System/Channel	Phone	Cell/Pager
Emergency Communications			
Medical:	Evacuation:	Other:	

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	06/16/2015 15:00	T. Haug	06/16/2015 15:00	Drew Engstrom	06/16/2015 15:00
ASSIGNMENT LIST		06/16/2015 18:33		ICS 204-CG (Rev.10/07)	

20 of 48

1. Incident Name Refugio Incident		2. Operational Period (Date/Time) From 06/17/2015 06:00 To 06/21/2015 05:59		Operational Period Ops Period 18	Assignment List ATTACHMENT ICS 204a
3. Branch Santa Barbara Recovery Branch		4. Division/Group/Staging Division I			
5. Strike Team/Task Force/Resource(Identifier)		6. Leader		7. Assignment Location	
Team		Team Leader			
8. Work Assignment Special Instructions, Special Equipment/Supplies Needed for Assignment					
<p>Clarification for the Constraints Assessment Team (CAT) dated 16 June 2015. Activities related to cleaning of cliff faces and contiguous rocky prominences (June 6, 2015) -- The Unified Command has determined that removal and cleanup of oil from cobble and solid surfaces (bedrock and cliff face) should proceed across the entire beach in those Divisions that have not achieved cleanup endpoints. Constraints (limitations) to cleanup were identified in the Constraints Assessment Team (CAT): Activities Related to Cleaning of Cliff Faces and Contiguous (sic) Rocky Prominences; June 6, 2015. Certain cleanup constraints identified in the CAT document still apply while others have been superseded by the Unified Command decision and therefore are no longer in effect. The intent of this amendment is to clarify which elements of the CAT document remain in effect and those that do not.</p> <p>Cultural and Archaeological/Historic Properties constraints remain unchanged and the cultural monitors were consulted and agree with this course of action.</p> <p>Geology: "Unconsolidated soil/sediment (alluvium) with vertical faces exclude from work" remains unchanged.</p> <p>THE REMAINING TERMS AND CONDITIONS IN THE GEOLOGY SECTION OF THE CAT DOCUMENT REGARDING WORK EXCLUSION ZONES ARE NO LONGER IN EFFECT. OIL REMOVAL AND CLEANUP CAN PROCEED UP TO THE BASE OF THE CLIFF AS LONG AS THERE ARE NO OVERHEAD HAZARDS AND IF FOLLOWS THE TASKING FOUND IN THE IC204.</p> <p>Safety Monitors will utilize audible horns (alarms) to alert crew to possible falling rocks.</p>					
DIVISION I MINIMIZATION MEASURES					
<p>Habitat-specific Measures These measures are intended to minimize impacts to all biological resources within the habitat and should be implemented to the extent possible regardless of whether listed species are present.</p> <p>Sandy Beach/Dune</p> <ul style="list-style-type: none"> • Avoid entering vegetated dune habitat as much as possible. • If vehicle traffic is required in the beach, travel should be restricted to the wet sand as much as possible and should avoid driving over wrack. • Vehicle traffic should be operated at slow enough speeds to avoid/minimize impacts to wildlife (approximately 5 to 10 miles per hour). • Use pre-existing access routes through dune habitat; if new access routes are necessary a biologist should be consulted on their location. • Manual oil removal techniques should be used as much as possible. • All trash or anything that would attract wildlife to the work area should be removed on a daily basis. • Dead oiled wildlife should be removed or buried to minimize the secondary oiling of scavenging species. • For areas potentially occupied by western snowy plovers and/or California least terns, see species-specific minimization measures. <p>Species-specific Measures These measures are specifically targeted to minimize impacts to listed species during initial response. USFWS should be contacted immediately to provide incident-specific measures to best protect these species.</p> <p>Tidewater goby</p> <ul style="list-style-type: none"> • Equipment and foot traffic entering wetted areas should be avoided to the maximum extent practical to prevent crushing tidewater gobies, their burrows, and eggs. <p>California least tern and/or Western snowy plover</p> <ul style="list-style-type: none"> • All responders should be informed of the potential for western snowy plovers and/or California least terns to be impacted and of the avoidance/minimization measures being implemented. • A qualified biologist should identify areas that may contain nests or chicks, and any entry into these areas should be avoided. • Any work required within nesting areas should be accompanied by a qualified biologist. • A qualified biologist should identify and demarcate access and egress routes. • The number of vehicles and number of vehicle trips should be reduced to the minimum needed to achieve the mission. • All activities near nests or chicks should occur on the lower beach (wet sand), if possible. • Watch for and avoid western snowy plovers sheltering in tire tracks and sandy depressions. • If vehicles are used, speed should be kept to less than 10 mph, and vehicles should remain on the lower beach (wet sand), if possible. If it is not possible to remain on the lower beach (e.g., it is high tide), responders should stop every 100 m and scan ahead with binoculars to look for western snowy plovers and California least terns on the beach. • The amount of wrack, shells, and natural debris removed from the beach should be minimized. If shoreline pre-cleaning is necessary, debris should 					
10. Prepared By Mike Nosbaum	Date/Time 06/16/2015 15:00	11. Reviewed By (PSC) T. Haug	Date / Time 06/16/2015 15:00	12. Reviewed By (OSC) Drew Engstrom	Date / Time 06/16/2015 15:00
ASSIGNMENT LIST		06/16/2015 18:33		ICS 204-CG (Rev. 10/07)	

be stockpiled in an appropriate location (avoiding nesting locations) and returned to the beach after the threat of oil is gone, to the extent practical.

9. Communications (radio and/or phone contact numbers needed for this assignment)

☐ Map/ Chart

☐ Weather Forecast/Tides/Currents

☐

☐

☐

☐

10. Prepared By

Date/Time

11. Reviewed By (PSC)

Date / Time

12. Reviewed By (OSC)

Date / Time

Mike Nosbaum

06/16/2015 15:00

T. Haug

06/16/2015 15:00

Drew Engstrom

06/16/2015 15:00

ASSIGNMENT LIST

06/16/2015 18:33

ICS 204-CG (Rev.10/07)

1. Incident Name Refugio Incident		2. Operational Period (Date/Time) From 06/17/2015 06:00 To 06/21/2015 05:59		Operational Period Ops Period 18	Assignment List ICS 204-CG
3. Branch Santa Barbara Recovery Branch		4. Division/Group/Staging Division J			
Task Force/Strike Team		Team			
5. Operational Personnel		Name	Affiliation	Contact#(s)	
Operations Section Chief		Drew Engstrom	Plains All American Pipeline	307-251-6932	
Branch Director		Lanny Kippes	Plains All American Pipeline	562-221-4510	
Division/Group Supervisor/STAM		George Gooch	Plains All American Pipeline	562-843-3551	
6. Resources Assigned		'X' indicates 204a attachment with additional instructions			
Qty x Size (Unit)	Strike Team/Task Force/Resource Identifier	Leader	Contact#	# Of Persons	Notes
1 (each)	OMI 3	John Snyder	504-920-8893	27	SB-J-S001, Refugio North
1 (each)	OMI 5	Sam Sharrock	573-783-9663	24	SB-J-S001, Refugio North
1 (each)	OMI 1	David McCoy	409-350-0274	22	SB-J-S001, Refugio South
1 (each)	WCC 1	Pete Esparza	562-244-1190	25	VN-E-S003
1 (each)	OMI 2	Terry Posey	504-382-3841	23	SB-J-S001, Refugio South
1 (each)	OMI 4	Danny Seghers	504-579-3028	20	SB-J-S001, Refugio South
1 (each)	OC Vac 2	Reggie Estrada	909-436-6141	25	VN-E-S004, VN-E-S005, VN-E-S006, VN-E-S007
1 (each)	Double Barrel 2	Eric Navarette	661-240-0095	20	SB-K-S001, El Cap
1 (each)	Double Barrel 3	Kenny Potts	909-626-9962	20	SB-K-S001, El Cap
1 (each)	OC Vac 1	Chris Loza	562-225-5126	25	SB-K-S001, Las Flores
1 (each)	NRC 9	John Farelas	310-505-0365	10	S-B-K-S001
7. Work Assignments					
Conduct shoreline cleanup in segments per the Shoreline Treatment Recommendation (STR) unless otherwise directed by the Division Supervisor due to operational need.					
Supervisors should evaluate their entire area of responsibility and report status changes to their Branch Director on a daily basis.					
Your entire area of responsibility has been surveyed by SCAT.					
Conduct shoreline clean up in accordance with SCAT methodology.					
STR's have been established throughout your area of responsibility.					
SCAT is not required to confirm achievement of Phase 1 endpoints.					
Crews may be deployed from other areas as conditions dictate.					
8. Special Instructions					
Operations will work up to the cliff edges as long as there are no direct overhead hazards to harm workers. Safety will use an audible alarm to notify workers of any rock or dirt movement. At the sound of the audible alarm all workers will move to a safe area and the site will be reassessed. (See 204a for further clarification from UC -dated 16 June 2015).					
ATV's not allowed in exclusion zones at El Capitan and Refugio.					
All light towers are to be facing away from the sand beach until otherwise instructed by Unified Command.					
Instructions for Dead Wildlife and Natural Resource Protection.					
Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in cleanup operations should be immediately called in to the					
10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	06/16/2015 15:00	T. Haug	06/16/2015 15:00	Drew Engstrom	06/16/2015 15:00
ASSIGNMENT LIST		06/16/2015 18:34		ICS 204-CG (Rev.10/07)	

Any DEAD oiled birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can instruct the team in separating the oiled animal from the regular waste stream and (ideally) collecting it in a separate plastic bag, labeled with division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.

Do not initiate any on-shore response or cleanup at Coal Oil Point without consulting the USFWS and California Dept of Fish and Wildlife.

SAFETY MESSAGE

PFD's must be worn if the potential for drowning exists.

Report All Injuries require a immediate notification to Direct Supervisor.

Leave cultural materials in place at the site of discovery, and mark its location.

Stop clean-up work in the vicinity surrounding the site, within a 6ft radius.

Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.

In the event a scheduled meal is not made available to your crew, report this immediately to your Branch Director and Logistics Chief Brian Shive 832-341-4719

No work in estuary or creek habitats without biological monitor and approval from EUL

9. Communications (radio and/or phone contact numbers needed for this assignment)

Name/Function	Radio Freq./System/Channel	Phone	Cell/Pager
Emergency Communications			

Medical:

Evacuation:

Other:

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	06/16/2015 15:00	T. Haug	06/16/2015 15:00	Drew Engstrom	06/16/2015 15:00
ASSIGNMENT LIST		06/16/2015 18:34	ICS 204-CG (Rev.10/07)		

1. Incident Name Refugio Incident	2. Operational Period (Date/Time) From 06/17/2015 06:00 To 06/21/2015 05:59	Operational Period Ops Period 18	Assignment List ATTACHMENT ICS 204a
3. Branch Santa Barbara Recovery Branch	4. Division/Group/Staging Division J		
5. Strike Team/Task Force/Resource(Identifier)	6. Leader	7. Assignment Location	
Team	Team Leader		
8. Work Assignment Special Instructions, Special Equipment/Supplies Needed for Assignment <p>Clarification for the Constraints Assessment Team (CAT) dated 16 June 2015. Activities related to cleaning of cliff faces and contiguous rocky prominences (June 6, 2015) -- The Unified Command has determined that removal and cleanup of oil from cobble and solid surfaces (bedrock and cliff face) should proceed across the entire beach in those Divisions that have not achieved cleanup endpoints. Constraints (limitations) to cleanup were identified in the Constraints Assessment Team (CAT): Activities Related to Cleaning of Cliff Faces and Contiguous (sic) Rocky Prominences; June 6, 2015. Certain cleanup constraints identified in the CAT document still apply while others have been superseded by the Unified Command decision and therefore are no longer in effect. The intent of this amendment is to clarify which elements of the CAT document remain in effect and those that do not.</p> <p>Cultural and Archaeological/Historic Properties constraints remain unchanged and the cultural monitors were consulted and agree with this course of action.</p> <p>Geology: "Unconsolidated soil/sediment (alluvium) with vertical faces exclude from work" remains unchanged.</p> <p>THE REMAINING TERMS AND CONDITIONS IN THE GEOLOGY SECTION OF THE CAT DOCUMENT REGARDING WORK EXCLUSION ZONES ARE NO LONGER IN EFFECT. OIL REMOVAL AND CLEANUP CAN PROCEED UP TO THE BASE OF THE CLIFF AS LONG AS THERE ARE NO OVERHEAD HAZARDS AND IF FOLLOWS THE TASKING FOUND IN THE IC204.</p> <p>Safety Monitors will utilize audible horns (alarms) to alert crew to possible falling rocks.</p> <p>DIVISION J MINIMIZATION MEASURES</p> <p>Habitat-specific Measures These measures are intended to minimize impacts to all biological resources within the habitat and should be implemented to the extent possible regardless of whether listed species are present.</p> <p>Sandy Beach/Dune</p> <ul style="list-style-type: none"> • Avoid entering vegetated dune habitat as much as possible. • If vehicle traffic is required in the beach, travel should be restricted to the wet sand as much as possible and should avoid driving over wrack. • Vehicle traffic should be operated at slow enough speeds to avoid/minimize impacts to wildlife (approximately 5 to 10 miles per hour). • Use pre-existing access routes through dune habitat; if new access routes are necessary a biologist should be consulted on their location. • Manual oil removal techniques should be used as much as possible. • All trash or anything that would attract wildlife to the work area should be removed on a daily basis. • Dead oiled wildlife should be removed or buried to minimize the secondary oiling of scavenging species. • For areas potentially occupied by western snowy plovers and/or California least terns, see species-specific minimization measures. <p>Species-specific Measures These measures are specifically targeted to minimize impacts to listed species during initial response. USFWS should be contacted immediately to provide incident-specific measures to best protect these species.</p> <p>Tidewater goby</p> <ul style="list-style-type: none"> • Equipment and foot traffic entering wetted areas should be avoided to the maximum extent practical to prevent crushing tidewater gobies, their burrows, and eggs. <p>California least tern and/or Western snowy plover</p> <ul style="list-style-type: none"> • All responders should be informed of the potential for western snowy plovers and/or California least terns to be impacted and of the avoidance/minimization measures being implemented. • A qualified biologist should identify areas that may contain nests or chicks, and any entry into these areas should be avoided. • Any work required within nesting areas should be accompanied by a qualified biologist. • A qualified biologist should identify and demarcate access and egress routes. • The number of vehicles and number of vehicle trips should be reduced to the minimum needed to achieve the mission. • All activities near nests or chicks should occur on the lower beach (wet sand), if possible. • Watch for and avoid western snowy plovers sheltering in tire tracks and sandy depressions. • If vehicles are used, speed should be kept to less than 10 mph, and vehicles should remain on the lower beach (wet sand), if possible. If it is not possible to remain on the lower beach (e.g., it is high tide), responders should stop every 100 m and scan ahead with binoculars to look for western snowy plovers and California least terns on the beach. • The amount of wrack, shells, and natural debris removed from the beach should be minimized. If shoreline pre-cleaning is necessary, debris should 			
10. Prepared By Mike Nosbaum	Date/Time 06/16/2015 15:00	11. Reviewed By (PSC) T. Haug	Date / Time 06/16/2015 15:00
12. Reviewed By (OSC) Drew Engstrom	Date / Time 06/16/2015 15:00		
ASSIGNMENT LIST		06/16/2015 18:34	
ICS 204-CG (Rev.10/07)			

be stockpiled in an appropriate location (avoiding nesting locations) and returned to the beach after the threat of oil is gone, to the extent practical.

9. Communications (radio and/or phone contact numbers needed for this assignment)

☐ Map/ Chart

☐ Weather Forecast/Tides/Currents

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10. Prepared By

Date/Time

11. Reviewed By (PSC)

Date / Time

12. Reviewed By (OSC)

Date / Time

Mike Nosbaum

06/16/2015 15:00

T. Haug

06/16/2015 15:00

Drew Engstrom

06/16/2015 15:00

ASSIGNMENT LIST

06/16/2015 18:34

ICS 204-CG (Rev.10/07)

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26 of 48

1. Incident Name Refugio Incident		2. Operational Period (Date/Time) From 06/17/2015 06:00 To 06/21/2015 05:59		Operational Period Ops Period 18	Assignment List ICS 204-CG
3. Branch Santa Barbara Recovery Branch		4. Division/Group/Staging Division K			
Task Force/Strike Team		Team			
5. Operational Personnel		Name	Affiliation	Contact#(s)	
Operations Section Chief		Drew Engstrom	Plains All American Pipeline	307-251-6932	
Branch Director		Lanny Kippes	Plains All American Pipeline	562-221-4510	
Division/Group Supervisor/STAM		Steven Franks	Plains All American Pipeline	713-417-8525	
6. Resources Assigned		'X' indicates 204a attachment with additional instructions			
Qty x Size (Unit)	Strike Team/Task Force/Resource Identifier	Leader	Contact#	# Of Persons	Notes
1 (each)	NRC 6	David Villereal	310-629-1701	24	SB-I-S001, Culvert
1 (each)	NRC 1	Carlos Diaz	310-345-3185	26	SB-J-S001, Venadito
1 (each)	NRC 2	Tom Hallgren	206-786-0123	21	SB-J-S001, Venadito
1 (each)	NRC 3	Wally Guzman	775-277-0990	23	SB-K-S001, Las Flores
1 (each)	NRC 4	Paul Morcos	562-481-4640	20	SB-K-S001, Las Flores
1 (each)	NRC 5	Matt Gotshalk	541-310-4319	22	SB-K-S001, Las Flores
1 (each)	Clean Harbors 1	Justin Mckracken	310-386-3602	25	SB-K-S001, Las Flores
1 (each)	Patriot 1	Tom Seany	559-753-0668	15	S-B-K-S001
1 (each)	Ponder 1	Tony Fedota	707-365-2333	22	S-B-K-S001
1 (each)	Ponder 2	Olen Baker	525-727-6300	22	S-B-K-S001
1 (each)	Ponder 3	Sherron Clark		22	S-B-K-S001
1 (each)	NRC 8	Kyle Sparrow	425-387-4979	23	S-B-K-S001
7. Work Assignments					
Conduct shoreline cleanup in segments per the respective Shoreline Treatment Recommendation (STR) unless otherwise directed by the Division Supervisor due to operational need.					
Conduct shoreline clean-up as directed as per SCAT Methodology.					
Supervisors should evaluate their entire area of responsibility and report status changes to their Branch Director on a daily basis.					
Crews may be deployed to other areas as conditions dictate.					
8. Special Instructions					
Operations will work up to the cliff edges as long as there are no direct overhead hazards to harm workers. Safety will use an audible alarm to notify workers of any rock or dirt movement. At the sound of the audible alarm all workers will move to a safe area and the site will be reassessed. (See 204a for further clarification from UC -dated 16 June 2015).					
ATVs not allowed in exclusion zones at El Capitan and Refugio					
All light towers are to be facing away from the sand beach until otherwise instructed by Unified Command.					
Instructions for Dead Wildlife and Natural Resource Protection:					
Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in clean up operations should be immediately called in to the Wildlife Hotline at 877-823-6926.					
Any DEAD oiled birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can					
10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	06/16/2015 15:00	T. Haug	06/16/2015 15:00	Drew Engstrom	06/16/2015 15:00
ASSIGNMENT LIST		06/16/2015 18:36		ICS 204-CG (Rev.10/07)	

27 of 48

instruct the team in separating the oiled animal from the regular waste stream and (ideally) collecting it in a separate plastic bag, labeled with division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.

For all other DEAD oiled wildlife (marine organisms) discontinue segregating these - they will not be picked up. Dispose with the rest of the oiled material being removed

Do not initiate any on-shore response or cleanup at Coal Oil Point without consulting the USFWS and California Dept of Fish and Wildlife.

Unknown source oil impacts should be reported to Lourdes Mahoney at 813-391-4657 (lmahony@cteh.com)

SAFETY MESSAGE

All personnel are reminded to keep hydrated and take rest breaks at a 50/10 work/rest ratio. PPE: Tyvek suits, gloves, safety glass, neoprene boots. Avoid walking near waterways.

PFD's must be worn if the potential for drownig exists.

All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.

Report All Injuries require a immediate notification to Direct Supervisor.

HISTORICAL/CULTURAL GUIDELINES

- Leave cultural materials in place at the site of discovery, and mark its location.
- Stop clean-up work in the vicinity surrounding the site, within a 6ft radius.
- Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.

In the event a scheduled meal is not made available to your crew, report this immediately to your Branch Director and Logistics Chief Brian Shive 832-341-4719

No work in estuary or creek habitats without biological monitor and approval from EUL.

9. Communications (radio and/or phone contact numbers needed for this assignment)

Name/Function	Radio Freq./System/Channel	Phone	Cell/Pager
Emergency Communications			
Medical:	Evacuation:	Other:	

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	06/16/2015 15:00	T. Haug	06/16/2015 15:00	Drew Engstrom	06/16/2015 15:00
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3. Branch Santa Barbara Recovery Branch			4. Division/Group/Staging Division K		
5. Strike Team/Task Force/Resource(Identifier)			6. Leader	7. Assignment Location	
Team			Team Leader		
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9. Communications (radio and/or phone contact numbers needed for this assignment) <div style="text-align: right;"><input type="checkbox"/></div>					
10. Prepared By Mike Nosbaum	Date/Time 06/16/2015 15:00	11. Reviewed By (PSC) T. Haug	Date / Time 06/16/2015 15:00	12. Reviewed By (OSC) Drew Engstrom	Date / Time 06/16/2015 15:00
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☐ Map/ Chart
 ☐ Weather Forecast/Tides/Currents

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10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	06/16/2015 15:00	T. Haug	06/16/2015 15:00	Drew Engstrom	06/16/2015 15:00
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1. Incident Name Refugio Incident		2. Operational Period (Date/Time) From 06/17/2015 06:00 To 06/21/2015 05:59		Operational Period Ops Period 18	Assignment List ICS 204-CG
3. Branch		4. Division/Group/Staging Pipeline Repair Group			
Task Force/Strike Team		Team			
5. Operational Personnel		Name	Affiliation	Contact#(s)	
Operations Section Chief		Drew Engstrom	Plains All American Pipeline	307-251-6932	
Branch Director					
Division/Group Supervisor/STAM		Mike Guidry	Plains All American Pipeline	337-526-8539	
6. Resources Assigned		'X' indicates 204a attachment with additional instructions			
Qty x Size (Unit)	Strike Team/Task Force/Resource Identifier	Leader	Contact#	# Of Persons	Notes
1 (each)	Section 2/3/4/5 Task Force	Mike Guidry	337-526-8539	0	
1 (each)	Excavation Task Force	Margaret Walden		0	
1 (each)	Crane			0	
7. Work Assignments					
Excavation Task force will carry out operations as per the Attached Excavation plan.					
Section 2/3/4/5 Task Force Shall:					
-Conduct removal operations of oil and contaminated solid waste in accordance with the approved Section Plan.					
-All lifting operations will be conducted in accordance with the UC approved Lift Plan.					
Sample according to the approved Sample Confirmation Plan for Sections 1 thru 4.					
No lane closures on Wednesday the 17th.					
Southbound 101 passing lane will be closed Thursday, June 18th, 0900-1800					
Southbound 101 passing lane will be closed Friday, June 19th, 0900-1700					
8. Special Instructions					
Excavation Task Force					
Safety Officers and air monitoring shall be present during operations					
Prior to excavations archeologist shall be consulted and if there are any cultural or historic resource concerns, archeologist shall be present to monitor the operations					
1. A minimum of 25 feet from the potential release locations shall be maintained					
2. All recovered oil shall be quantified and disposed of in accordance with the waste management plan.					
Volunteers: 1-800-228-4544					
Claims: 866-753-3619					
Public Affairs/JIC: 805-696-1188					
State Park Law Enforcement: 951-443-2969					
Sherriff's Dispatch: 805-692-5743					
Instructions for Dead Wildlife and Natural Resource Protection.					
HAZARD MITIGATION					
-All personnel operating in the restricted area shall wear level D (hard hats, safety toe boots, safety glasses, FRC clothing).					
-Respiratory protection (full face air purifying respirator with OV-P100 cartridges) may be required to be used by all personnel based on continuous air monitoring readings.					
-Engineering controls such as vapor barriers and portable ventilation shall be used in the evacuation area prior to use of respiratory protection.					
-All personnel are reminded to stay hydrated and take breaks as needed.					
- Notify Assistant Safety Officer if safety issues arise.					
SAFETY MESSAGE					
All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.					
10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	06/16/2015 15:00	T. Haug	06/16/2015 15:00	Drew Engstrom	06/16/2015 15:00
ASSIGNMENT LIST		06/16/2015 15:26		ICS 204-CG (Rev.10/07)	

HISTORICAL/CULTURAL/ENVIRONMENTAL GUIDELINES

- Leave cultural materials in place at the site of discovery, and mark its location.
- Stop clean-up work in the vicinity surrounding the site, within a 6ft radius.
- Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.
- Wildlife - Depending on depth of trench/excavation consult with ENV Unit regarding covering at night to reduce entrapment of animals and/or exposure to contaminants.

Report All Injuries require a immediate notification to Direct Supervisor.

9. Communications (radio and/or phone contact numbers needed for this assignment)

Name/Function	Radio Freq./System/Channel	Phone	Cell/Pager
Emergency Communications			
Medical:	Evacuation:	Other:	

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	06/16/2015 15:00	T. Haug	06/16/2015 15:00	Drew Engstrom	06/16/2015 15:00

ASSIGNMENT LIST	06/16/2015 15:26	ICS 204-CG (Rev.10/07)
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1. Incident Name Refugio Incident		2. Operational Period (Date/Time) From 06/17/2015 06:00 To 06/21/2015 05:59		Operational Period Ops Period 18		Assignment List ICS 204-CG	
3. Branch		4. Division/Group/Staging Law - Security Group					
Task Force/Strike Team		Team					
5. Operational Personnel		Name		Affiliation		Contact#(s)	
Operations Section Chief		Drew Engstrom		Plains All American Pipeline		307-251-6932	
Branch Director		Ken Houston		Global Security		405-250-1882	
Division/Group Supervisor/STAM							
6. Resources Assigned 'X' indicates 204a attachment with additional instructions							
Qty x Size (Unit)	Strike Team/Task Force/Resource Identifier	Leader	Contact#	# Of Persons	Notes		
1 (each)	Law Enforcement Task Force	Rob Plastino	805-268-4035	10	Sheriff, State Parks, HCP, Fish and Wildlife	X	
1 (each)	V County Sites Task Force	Jamie Beene	903-570-8958	14	TT Decon, Ventura Harbor, Magrath		
1 (each)	SB County Sites Task Force	Keith Radcliff	903-721-5030	42	Refugio State Park, El Capitan State Park, Excavation Site, Gaviota, Las Veras		
1 (each)	Boat - CA Fish & Wildlife 58' Patrol Boat			0			
1 (each)	ICP Security	Jeremy Costlow	903-714-6127	2	ICP		
7. Work Assignments							
Prevent unauthorized persons from entering or remaining in the spill area, staging areas, and the ICP. Contact and identify all persons not readily identifiable. Escort any unauthorized person from the area.							
Land units- Contact any unidentified vehicle parked in the area with emphasis on highway 101 where access to the beach can be made. Remove all unauthorized persons and vehicles. Do not loiter on or around the railway.							
Water units- Contact any unidentified vessels entering or in the spill zone. Divert or escort unauthorized vessels from the spill area							
8. Special Instructions							
Identify any persons or vessels that may need decontamination. Personnel are reminded to stay hydrated and work rest regimen as necessary.							
Instructions for Dead Wildlife and Natural Resource Protection:							
Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in clean up operations should be immediately called in to the Wildlife Hotline at 877-823-6926.							
Any DEAD oiled birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can instruct the team in separating the oiled animal from the regular waste stream and (ideally) collecting it in a separate plastic bag, labeled with division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.							
For all other DEAD oiled wildlife (marine organisms) discontinue segregating these - they will not be picked up. Dispose with the rest of the oiled material being removed.							
Unknown source oil impacts should be reported to Lourdes Mahoney at 813-391-4657 (lmahony@cteh.com)							
Do not initiate any on-shore response or cleanup at Coal Oil Point without consulting the USFWS and California Dept of Fish and Wildlife.							
On Water: Avoid entering kelp beds as much as possible. Avoid boat traffic traveling near or through flocks of seabirds resting on water, stay 1000 ft away from nesting seabirds. If sea otter is observed keep clear and call Mike Harris immediately. 831-212-7090							
SAFETY MESSAGE							
All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.							
10. Prepared By		Date/Time		11. Reviewed By (PSC)		Date / Time	
Mike Nosbaum		06/16/2015 15:00		T. Haug		06/16/2015 15:00	
						12. Reviewed By (OSC)	
						Drew Engstrom	
						06/16/2015 15:00	
ASSIGNMENT LIST				06/16/2015 13:35		ICS 204-CG (Rev.10/07)	

HISTORICAL/CULTURAL GUIDELINES

- Leave cultural materials in place at the site of discovery, and mark its location.
- Stop clean-up work in the vicinity surrounding the site, within a 6ft radius.
- Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.

Report All Injuries require a immediate notification to Direct Supervisor.

In the event a scheduled meal is not made available to your crew, report this immediately to your Branch Director and Logistics Chief Brian Shive 832-341-4719

9. Communications (radio and/or phone contact numbers needed for this assignment)

Name/Function	Radio Freq./System/Channel	Phone	Cell/Pager
Emergency Communications			
Medical:	911	Evacuation:	911
		Other:	911

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	06/16/2015 15:00	T. Haug	06/16/2015 15:00	Drew Engstrom	06/16/2015 15:00
ASSIGNMENT LIST		06/16/2015 13:35		ICS 204-CG (Rev.10/07)	

1. Incident Name Refugio Incident		2. Operational Period (Date/Time) From 06/17/2015 06:00 To 06/21/2015 05:59		Operational Period Ops Period 18	Assignment List ICS 204-CG
3. Branch SCAT Branch		4. Division/Group/Staging SCAT			
Task Force/Strike Team		Team			
5. Operational Personnel		Name	Affiliation	Contact#(s)	
Operations Section Chief		T. Haug	Witt O'Brien's	562-217-3511	
Branch Director		Mike Connel	CA DFW OSPR	805-331-1867	
Division/Group Supervisor/STAM		Corey Kong	CA DFW OSPR	562-477-7081	
6. Resources Assigned 'X' indicates 204a attachment with additional instructions					
Qty x Size (Unit)	Strike Team/Task Force/Resource Identifier	Contact#	# Of Persons	Notes	
1 (each)	SCAT Team 1		3	Santa Barbara Divisions	
1 (each)	SCAT Team 2		3	Santa Barbara Divisions	
7. Work Assignments					
<p>Report to ICP at 0700. Receive assignments, calibrate, and sign site safety plan. Complete SCAT assignments by 1400 return to ICP by 1500 for briefing with Scat Coordinator (Corey Kong).</p>					
8. Special Instructions					
<p>PPE is available from OPS on scene.</p> <p>Contact EUL Sample Coordinator if samples are needed for fingerprinting. 916-340-4123 Ensure GPS location is recorded.</p> <p>Refer public wildlife reports to OWCN 877-823-6926</p> <p>SCAT Teams report oiled wildlife to Wildlife Branch Director or deputy.</p> <p>Refer all media request to PIO Steve Gonzales 916-539-6129.</p> <p>Report observed T&E species to OWCN 877-823-6926</p> <p>Scat Teams to assess clean-up operations observed on site and make recommendations for improvement. Make sure operations are following the approved shoreline treatment recommendations.</p> <p>For cultural/Archeological concerns, Sean Ross, Field observer coordinator 415-720-4166 & Mike Kirschner, Warden 831-901-6369.</p> <p>Volunteers: 888-567-SERV Claims: 866-753-3619 Public Affairs/JIC: 805-696-1188 State Park Law Enforcement: 951-443-2969 Sherriff's Dispatch: 805-692-5743</p> <p>Instructions for Dead Wildlife and Natural Resource Protection.</p> <p>Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in clean up operations should be immediately called in to the Wildlife Hotline at 877-823-6926.</p> <p>Any DEAD oiled birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can instruct the team in separating the oiled animal from the regular waste stream and (ideally) collecting it in a separate plastic bag, labeled with division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.</p> <p>For all other DEAD oiled wildlife (marine organisms) discontinue segregating these - they will not be picked up. Dispose with the rest of the oiled material being removed.</p> <p>Do not initiate any on-shore response or cleanup at Coal Oil Point without consulting the USFWS and California Dept of Fish and Wildlife.</p>					
HISTORICAL/CULTURAL GUIDELINES					
10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	06/13/2015 15:00	T. Haug	06/13/2015 15:00	Drew Engstrom	06/13/2015 15:00
ASSIGNMENT LIST		06/16/2015 13:11		ICS 204-CG (Rev.10/07)	

36 of 48

- Leave cultural materials in place at the site of discovery, and mark its location.
- Stop clean-up work in the vicinity surrounding the site, within a 6ft radius.
- Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.

Report All Injuries require a immediate notification to Direct Supervisor.

9. Communications (radio and/or phone contact numbers needed for this assignment)

Name/Function	Radio Freq./System/Channel	Phone	Cell/Pager

Emergency Communications

Medical: **Evacuation:** **Other:**

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	06/13/2015 15:00	T. Haug	06/13/2015 15:00	Drew Engstrom	06/13/2015 15:00
ASSIGNMENT LIST		06/16/2015 13:11		ICS 204-CG (Rev.10/07)	

1. Incident Name Refugio Incident	2. Operational Period (Date/Time) From 06/17/2015 06:00 To 06/21/2015 05:59	Operational Period Ops Period 18	Assignment List ATTACHMENT ICS 204a
3. Branch SCAT Branch	4. Division/Group/Staging SCAT		
5. Strike Team/Task Force/Resource(Identifier)	6. Leader	7. Assignment Location	
Team	Team Leader		
8. Work Assignment Special Instructions, Special Equipment/Supplies Needed for Assignment SCAT MINIMIZATION MEASURES Habitat-specific Measures These measures are intended to minimize impacts to all biological resources within the habitat and should be implemented to the extent possible regardless of whether listed species are present. Marine <ul style="list-style-type: none"> • Avoid entering kelp beds as much as possible. • Avoid boat traffic traveling near or through flocks of seabirds resting in the water. • If a sea otter is observed, keep all response activities as far away from the animal(s) as possible until an expert can be consulted. Riparian <ul style="list-style-type: none"> • Avoid entering wetted areas as much as possible. • Avoid disturbing vegetation as much as possible. • Use preexisting access routes when possible. Sandy Beach/Dune <ul style="list-style-type: none"> • Avoid entering vegetated dune habitat as much as possible. • If vehicle traffic is required in the beach, travel should be restricted to the wet sand as much as possible and should avoid driving over wrack. • Vehicle traffic should be operated at slow enough speeds to avoid/minimize impacts to wildlife (approximately 5 to 10 miles per hour). • Use pre-existing access routes through dune habitat; if new access routes are necessary a biologist should be consulted on their location. Estuarine <ul style="list-style-type: none"> • Avoid entering wetted habitat as much as possible. • Avoid disturbing vegetation as much as possible. • Utilize existing access routes; if new access routes are necessary a biologist should be consulted on their location. • A biologist should look for nests and establish suitable buffer areas to prevent impacts. Coastal Bluff <ul style="list-style-type: none"> • Utilize existing access routes; if new access routes are necessary a biologist should be consulted on their location. • Any listed plant species should be flagged and avoided. Species-specific Measures These measures are specifically targeted to minimize impacts to listed species during initial response, USFWS should be contacted immediately to provide incident-specific measures to best protect these species. Tidewater goby <ul style="list-style-type: none"> • Foot traffic entering wetted areas should be avoided to the maximum extent practical to prevent crushing tidewater gobies, their burrows, and eggs. Least Bell's vireos and/or southwestern willow flycatchers <ul style="list-style-type: none"> • Disturbance of riparian vegetation should be avoided as much as possible. • If vegetation removal is required, roots should be left in place as much as possible. • A qualified biologist should be present as much as possible during activities that impact suitable habitat. California least tern and/or Western snowy plover <ul style="list-style-type: none"> • A qualified biologist should identify areas that may contain nests or chicks, and any entry into these areas should be avoided. • A qualified biologist should identify and demarcate access and egress routes. • The number of vehicles and number of vehicle trips should be reduced to the minimum needed to achieve the mission. • All activities near nests or chicks should occur on the lower beach (wet sand), if possible. • Watch for and avoid western snowy plovers sheltering in tire tracks and sandy depressions. • If vehicles are used, speed should be kept to less than 10 mph, and vehicles should remain on the lower beach (wet sand), if possible. If it is not possible to remain on the lower beach (e.g., it is high tide), responders should stop every 100 m and scan ahead with binoculars to look for western snowy plovers and California least terns on the beach. California red-legged frog <ul style="list-style-type: none"> • All egg masses should be avoided as much as possible. 			
10. Prepared By Mike Nosbaum	Date/Time 06/13/2015 15:00	11. Reviewed By (PSC) T. Haug	Date / Time 06/13/2015 15:00
		12. Reviewed By (OSC) Drew Engstrom	Date / Time 06/13/2015 15:00
ASSIGNMENT LIST		06/16/2015 13:11	
		ICS 204-CG (Rev.10/07)	

9. Communications (radio and/or phone contact numbers needed for this assignment)

<input type="checkbox"/> Map/ Chart	<input type="checkbox"/> Weather Forecast/Tides/Currents	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Mike Nosbaum	06/13/2015 15:00	T. Haug	06/13/2015 15:00	Drew Engstrom	06/13/2015 15:00
ASSIGNMENT LIST		06/16/2015 13:11		ICS 204-CG (Rev.10/07)	

1. Incident Name: Refugio Location: Mariposa Staging		2. Operational Period 18 (Date / Time) From: 06/17/2015 0600 To: 06/21/2015 0559		MEDICAL PLAN ICS 206-CG		
3. Medical Aid Stations						
Name	Location	Contact #	Transport Availability			
Medical Station/Field Nurse	Gaviota, Staging 17200 Calle Mariposa Reina Gaviota, CA 93117	805-451-0971	No			
CTEH Medical Monitor Teresa Lindsey	Culvert Site	661-301-4756	No			
Chumash Fire Department EMT basic	Gaviota Coast	Gilbert Romero 805-325-3043 Nelson Palato 805-598-6586	No			
Santa Barbara County Fire, water rescue, helicopter with hoist	4410 Cathedral Oaks, Santa Barbara, A	911	Yes			
Montecito and Carpinteria Fire Water Rescue Team	Santa Barbara County South	911	No			
Ventura Fire, Oxnard Fire, Ventura County Fire, water rescue, helicopter with hoist	Ventura County	911	No			
US Coast Guard, Medi-Vac, Rescue Swimmers	1001 South Seaside, San Pedro, CA 90731	855-562-4900 510-437-3701	Yes			
4. Transportation						
Ambulance Service	Address	Contact #	Care Capability			
American Medical Response	240 East Hwy 246 Buellton, CA 93117	805-245-3424	Paramedic/EMT team			
CALSTAR 7 (air medical transport team, no hoist)	3996 Mitchell Road Santa Monica, CA 93455	805-938-9038	Advanced Practice, 2 Nurse team			
Santa Barbara County Air Support (air medical transport team with hoist capabilities)	906 Airport Road Santa Ynez, CA 93460	805-692-5723 Or 911	2 Paramedic team with Rescue Swimmer			
Santa Barbara County Fire Rescue, Helicopter, Medical, water rescue and dispatch center	4408 Cathedral Oaks Road Santa Barbara	805-692-5723 or 911	Paramedic			
US Coast Guard	101 South Seaside Ave #20, San Pedro, CA 90731	855-562-4900 510-437-3701 VHF Channel 16	Rescue Swimmer/Medivac			
5. Hospitals						
Hospital Name	Address	Contact #	Travel Time		Burn Center	Helipad
			Air	Ground		
Goleta Valley Cottage Hospital	251 South Patterson Ave. Santa Barbara, CA 93111	805-967-3411	N/A	20/min		No
Grossman Burn Center	7300 Medical Center Drive West Hills CA	818-676-4177	20 min	1.25 hours	Yes	Yes
Santa Barbara Cottage Hospital	400 West Pueblo Street Santa Barbara, CA 93105	805-682-7111	8 min	27 min	No	Yes
Saint John Pleasant Valley Hospital	2309 Antonio Ave. Camarillo, CA 93010 Hyperbaric available Monday to Friday 0800-1800	(805) 389-5944	30	1 HR		

40 of 48

LA County Medical Alert (available 24/7)	200 UCLA Medical Plaza Suit B Los Angeles, CA 9005	1(866)940-4401	1 hour	N/A	No	Yes
UCLA Available 0800-1700	200 UCLA Medical Plaza Suit B Los Angeles, CA 9005	310-794-9014	30 min.	1 hour	No	Yes

6. Special Medical Emergency Procedures:

1. If medical, injury or dive emergency occurs on boat, call 911 and report location geographically where the incident is located (GPS Coordinates). 911 will dispatch appropriate emergency resources to scene.
2. Non-life/limb threatening illness or injury: notify direct supervisor, follow "medical reporting procedures" and render first aid. Call Medical Field Nurse for further direction or treatment 805-451-0971. Transport by boat to nearest harbor.
3. All illnesses and injuries will be reported on Incident Reporting Line 805-451-1014.

Essential reporting information for EMS provider:

1. Nature of injury
2. Location of patient and point of contact
3. Point of contact
4. Age and gender of patient

7. Prepared by: (Medical Unit Leader)
Sally Mostellar MUL

Date/Time
06/16/15

8. Reviewed by: (Safety Officer)

R. Fordham SORR

Date/Time

6/16/15

1. Incident Name: Refugio Location: Ventura Decontamination Group		2. Operational Period 18 (Date / Time) From: 0600 06/17/2015 To: 0559 06/20/2015		MEDICAL PLAN ICS 206-CG		
3. Medical Aid Stations						
Name	Location	Contact	Paramedics On site (Y/N)			
Steve Martin – obtaining entry and exit vital signs on Haz-Mat workers	Ventura Harbor DCON	870-925-0086	N			
Kristin Triol, Safety Tek Basic EMT – obtaining entry and exit vital signs on Haz-Mat workers	Ventura Harbor DCON- site 2. (float)	805-402-8212	N			
4. Transportation						
Ambulance Service	Address	Contact #	Paramedics On board (Y/N)			
American Medical Response	616 Fitch Ave. Moorpark, CA 93021	805-517-2010	Y			
Gold Coast Ambulance	200 Bernoulli Circle, Oxnard, CA 93030	805-278-8160	Y			
Ventura County Fire Helicopter (hoist and water rescue capabilities)	165 Durley Ave, Camarillo, CA 93010	911	Y			
5. Hospitals						
Hospital Name	Address	Contact #	Travel Time		Burn Ctr?	Helipad?
			Air	Ground		
Ventura County Medical Center (VCMC)	3291 Loma Vista Rd, Ventura, CA 93003	805-652-6000	5/min	15/min	No	X
Community Memorial Hospital	147 North Brent St, Ventura, CA 93003	805-652-5001	5/min	15/min	No	X
Saint John's	1600 North Rose Ave, Oxnard CA 93030	805-988-2500	5/min	15/min	No	X
Grossman Burn Center	7300 Medical Center Drive West Hills, CA	818-676-4177	1/HR	30/min	Yes	X
U.S. Health Works (Occupational Medicine)	1851 North Lombard, Suite 100, Oxnard CA	805-983-2234	N/A	15/min	No	No
6. Special Medical Emergency Procedures						
1. Life threatening emergencies call 911, give location where emergency is located, notify direct supervisor ASAP. 2. Non-life/limb threatening illness or injury: notify direct supervisor, follow "medical reporting procedures" and render first aid. 3. All illnesses and injuries will be reported on Incident Reporting Line 805-451-1014.						
Essential Reporting Information for EMS Providers						
1. Nature of injury 2. Location of patient (address or geographic location) and point of contact 3. Age and Gender of patient						
7. Prepared by: (Medical Unit Leader) Sally Mostellar MUL		Date/Time 06/16/15	8. Reviewed by: (Safety Officer) <i>R. R. D. [Signature]</i>		Date/Time 6/16/15	
MEDICAL PLAN			ICS 206-CG (Rev.07/04)			

NWS Forecast for: Gaviota CA

Issued by: National Weather Service Los Angeles/Oxnard, CA

Last Update: 6:07 am PDT Jun 16, 2015

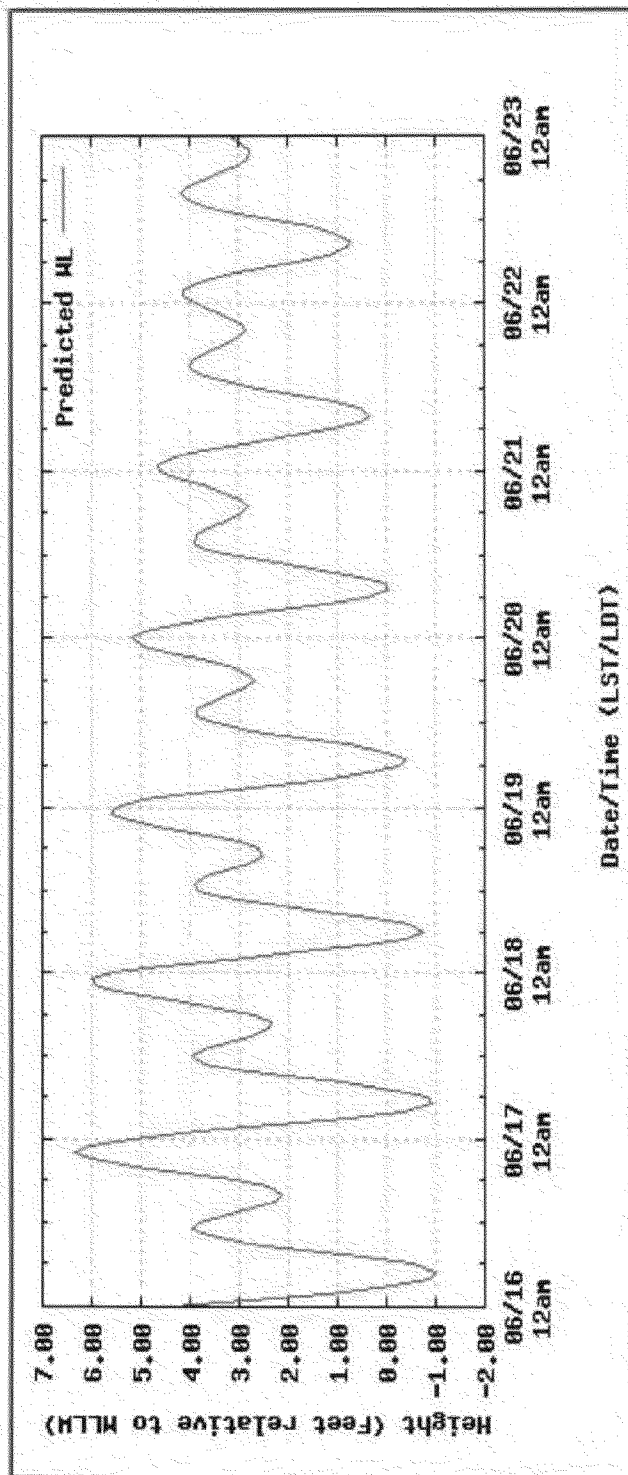
This Afternoon	Tonight	Wednesday	Wednesday Night	Thursday	Thursday Night	Friday	Friday Night	Saturday
Partly Sunny Hi 68 °F	Partly Cloudy Lo 55 °F	Mostly Sunny Hi 73 °F	Mostly Clear Lo 55 °F	Sunny Hi 74 °F	Mostly Clear Lo 55 °F	Sunny Hi 78 °F	Mostly Clear Lo 56 °F	Sunny Hi 79 °F

Hazardous Weather Outlook**This Afternoon:** Partly sunny, with a high near 68. West wind around 10 mph.**Tonight:** Partly cloudy, with a low around 55. West wind 5 to 10 mph becoming northeast in the evening.**Wednesday:** Mostly sunny, with a high near 73. Northeast wind 5 to 10 mph becoming west in the morning.**Wednesday Night:** Mostly clear, with a low around 55. West wind 5 to 10 mph becoming north northwest in the evening.**Thursday:** Sunny, with a high near 74. West wind 5 to 15 mph, with gusts as high as 20 mph.**Thursday Night:** Mostly clear, with a low around 55.**Friday:** Sunny, with a high near 78.**Friday Night:** Mostly clear, with a low around 56.**Saturday:** Sunny, with a high near 79.**Saturday Night:** Mostly clear, with a low around 56.

43 of 48


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NOAA/NOS/CO-OPS
Weekly Tide Prediction for GAVIOTA STATE PARK, PACIFIC OCEAN, CA
StationId 9411399
From: 2015/06/16 - 2015/06/22
Units: Feet Time Zone: LST/LDT Datum: MLLW



Disclaimer: These data are based upon the latest information available as of the date of your request, and may differ from the published tide tables.

High/Low Tide Predictions

Station Name: GAVIOTA STATE PARK, PACIFIC OCEAN, CA
Parameter: Weekly
Product: Tide Prediction
Start Date & Time: 2015/06/16 12:00AM
End Date & Time: 2015/06/22 11:59PM
Source: NOAA/NOS/CO-OPS
Prediction Type: Harmonic
Datum: MLLW
Height Units: Feet
Time Zone: LST/LDT

Date	Day	Time	Hgt	Time	Hgt
06/16	16	12:00	4.5	06/17	12:00
06/17	17	12:00	-1.5	06/18	12:00
06/18	18	12:00	4.5	06/19	12:00
06/19	19	12:00	-1.5	06/20	12:00
06/20	20	12:00	4.5	06/21	12:00
06/21	21	12:00	-1.5	06/22	12:00
06/22	22	11:59	4.5	06/23	12:00

44 of 48

2015/06/16	Tue	04:41 AM	-1.04 L	11:10 AM	3.96 H	03:52 PM	2.11 L	10:05 PM	6.33 H
2015/06/17	Wed	05:23 AM	-0.95 L	11:58 AM	3.95 H	04:36 PM	2.31 L	10:43 PM	6.03 H
2015/06/18	Thu	06:04 AM	-0.73 L	12:46 PM	3.93 H	05:20 PM	2.51 L	11:20 PM	5.63 H
2015/06/19	Fri	06:43 AM	-0.42 L	01:34 PM	3.92 H	06:09 PM	2.69 L	11:58 PM	5.16 H
2015/06/20	Sat	07:22 AM	-0.06 L	02:23 PM	3.95 H	07:03 PM	2.83 L		
2015/06/21	Sun	12:40 AM	4.66 H	08:00 AM	0.33 L	03:12 PM	4.02 H	08:10 PM	2.89 L
2015/06/22	Mon	01:28 AM	4.15 H	08:40 AM	0.71 L	03:59 PM	4.16 H	09:35 PM	2.79 L

45 of 48

GENERAL MESSAGE

COPY

TO: Operations and Planning (Environmental Unit)	POSITION:	
FROM: Refugio Incident - Unified Command	POSITION:	
SUBJECT: Amendment to CAT document	DATE: June 16, 2015	TIME:

MESSAGE:

The Unified Command has determined that removal and cleanup of oil from cobble and solid surfaces (bedrock and cliff face) should proceed across the entire beach in those Divisions that have not achieved cleanup endpoints. Constraints (limitations) to cleanup were identified in the Constraints Assessment Team (CAT): Activities Related to Cleaning of Cliff Faces and Contiguous (sic) Rocky Prominences; June 6, 2015. Certain cleanup constraints identified in the CAT document still apply while others have been superseded by the Unified Command decision and therefore are no longer in effect. The intent of this amendment is to clarify which elements of the CAT document remain in effect and those that do not.

Cultural and Archaeological/Historic Properties constraints remain unchanged and the cultural monitors were consulted and agree with this course of action.

Geology: "Unconsolidated soil/sediment (alluvium) with vertical faces exclude from work" remains unchanged.

THE REMAINING TERMS AND CONDITIONS IN THE GEOLOGY SECTION OF THE CAT DOCUMENT REGARDING WORK EXCLUSION ZONES ARE NO LONGER IN EFFECT. OIL REMOVAL AND CLEANUP CAN PROCEED UP TO THE BASE OF THE CLIFF AS LONG AS THERE ARE NO OVERHEAD HAZARDS AND IF FOLLOWS THE TASKING FOUND IN THE IC204.

Safety Monitors will utilize audible horns (alarms) to alert crew to possible falling rocks.

SIGNATURE:	POSITION:
------------	-----------

REPLY:

	APPROVED	DATE
USCG FOSC	<i>[Signature]</i>	CAPT 6/16/15
EPA FOSC	<i>[Signature]</i>	6/16/15
SOSC	<i>[Signature]</i>	CAPT. 6/16/15
LOSC	<i>[Signature]</i>	6/16/15
RP IC	<i>[Signature]</i>	6/16/15

DATE:	TIME:	SIGNATURE/POSITION:
-------	-------	---------------------

SAFETY MESSAGE/PLAN (ICS 208)**COPY**

1. Incident Name:
Refugio Incident

2. Operational Period: Date From: 06/17/2015 Date To: End
Time From: 06:00 Time To: 18:00

3. Safety Message: Heat Prevention Plan and Expected High Temperatures

- 1) High air temperatures and elevated humidity is expected. Heat illness continues to be a hazard for this response plan. Make sure these elements are followed to meet the heat illness prevention plan:
 - a) Access to shade.
 - b) Monitor the temperatures and increase water and breaks if necessary.
 - c) Cool down breaks with water and rest in the shade.
 - d) Drink cool water
 - e) Notify your supervisor if you have symptoms of heat stress.
 - f) Remove your top when returning from and reporting for breaks. No need to tape your gloves.
 - g) Communicate with your coworker and supervisor about hydration and rest breaks
 - h) Minimize clothing layers. Unzip coveralls and tie around the waist if the task does not impact your upper body.
- 2) For helicopter operations, the minimum distance is 500 feet from people or the cliffs. No hovering over work areas.

307-797-3379 Safety Phone number: Todd Schulte

47 of 48

4. Site Safety Plan Required? Yes ☒ No ☐

Approved Site Safety Plan(s) Located At: Posted in EOC or contact Safety Officer

5. Prepared by: Name: Jean Mlynek Position/Title: Safety Specialist

SOFR Signature:

Todd Schulte

ICS 208

IAP Page 1

Date/Time: 6/16/2015 15:17

1. Incident Name Refugio Incident		2. Operational Period (Date/Time) From 06/17/2015 06:00 To 06/21/2015 05:59		Operational Period Ops Period 18	DAILY MEETING SCHEDULE ICS 230-CG
3. Meeting Schedule(Commonly-held meetings are included)					
Date/Time	Meeting Name	Purpose	Attendees	Location	
06/17/2015 06:00	Operations Briefing	Present IAP and assignments to the Supervisors/Leaders for the next Operational Period	UC, Cmd & General Staff, Branch Directors, DIV/GRP Supv, and Unit Leaders	Refugio State Beach	
06/17/2015 09:00	Unified Command Briefing	Command and General Staff provides UC with updates.	UC, Cmd and General Staff, SITL, EUL	UC Meeting Room	
06/17/2015 12:30	Operations Tactics Validation	Validate operations tactics for the remainder of the operational period.	OPS, PSC, SOFR, SITL, Branch Directors	Goleta ICP	
06/17/2015 16:00	Unified Command Brief	Command and General Staff provides UC with updates, including SCAT report at 1700.	UC, Command Staff and General Staff, SITL, EUL	UC Meeting Room	
06/18/2015 06:00	Operations Briefing	Present IAP and assignments to the Supervisors/Leaders for the next Operational Period	UC, Cmd & General Staff, Branch Directors, DIV/GRP Supv, and Unit Leaders	Refugio State Beach	
06/18/2015 09:00	Unified Command Briefing	Command and General Staff provides UC with updates.	UC, Cmd and General Staff, SITL, EUL	UC Meeting Room	
06/18/2015 12:30	Operations Tactics Validation	Validate operations tactics for the remainder of the operational period.	OSC, PSC, SOFR, SITL, Branch Directors	Goleta ICP	
06/18/2015 16:00	Unified Command Brief	Command and General Staff provides UC with updates, including SCAT report at 1700	UC, Cmd and General Staff, SITL, EUL	UC Meeting Room	
06/19/2015 06:00	Operations Briefing	Present IAP and assignments to the Supervisors/Leaders for the next Operational Period	UC, Cmd & General Staff, Branch Directors, DIV/GRP Supv, and Unit Leaders	Refugio State Beach	
06/19/2015 09:00	Unified Command Briefing	Command and General Staff provides UC with updates.	UC, Cmd and General Staff, SITL, EUL	UC Meeting Room	
06/19/2015 12:30	Operations Tactics Validation	Validate operations tactics for the remainder of the operational period.	OPS, PSC, SOFR, SITL, Branch Director	Goleta ICP	
06/19/2015 16:00	Unified Command Briefing	Command and General Staff provides UC with updates, including SCAT report at 1700	UC, Cmd and General Staff, SITL, EUL	UC Meeting Room	
06/20/2015 06:00	Operations Briefing	Present IAP and assignments to Field Supervisors	Operations Section	Refugio State Beach	
06/20/2015 08:00	UC Objectives Meeting	Review and update objectives	Unified Command, PSC	UC Meeting Room	
06/20/2015 09:00	Command and General Staff Meeting	UC provide the command and general staff with updates on objectives and receives feedback/updates from staff.	UC, Command and General Staff, SITL, EUL	UC Meeting Room	
06/20/2015 12:00	Tactics Meeting	Develop/Review primary and alternate strategies to meet Incident Objectives for the next operational period.	PSC, OSC, LSC, FSC, RUL, SUL, SOFR, DOCL, COML and THSP	Goleta ICP	
06/20/2015 16:00	Planning Meeting	Review status and finalize strategies and assignments to meet Incident Objectives for the next Operational Period.	IC/UC, Command & General Staff	UC Meeting Room	
06/20/2015 17:00	IAP Approval	Present the IAP to the Unified Command for approval.	IC/UC, PSC	UC Meeting Room	
06/20/2015 18:00	SCAT Briefing	Brief the Unified Command on SCAT activities	Unified Command	UC Meeting Room	
4. Prepared by (Situation Unit Leader) Tom Haug				Date / Time 06/16/2015 07:26	
DAILY MEETING SCHEDULE		06/16/2015 14:47		ICS 230-CG (Rev 07/08)	